

SEQUENCE LISTING

<110> Friedrich, Glenn
Zambrowicz, Brian
Sands, Arthur T.

<120> Novel Mutated Mammalian Cells and
Animals

<130> LEX-0126-USA

<150> US 60/179,110

<151> 2000-01-31

<160> 341

<170> FastSEQ for Windows Version 4.0

<210> 1

<211> 158

<212> DNA

<213> Mus musculus

<400> 1	
acttatggat cttcactgca agatggactg ttccaatctc agaggaactc ttccagaaac	60
ctgtatagac tactttggcc ttgaactcct acaggtgggc ctgcctttgc ttctagtgc	120
tgggattaaa ggtgtgtatc accactgaaa aaaaaaaa	158

<210> 2

<211> 153

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(153)

<223> n = A,T,C or G

<400> 2	
gactgagga aagtcattga ggcttcaggc ntcttcttcc cagtctcaag acagtgggtg	60
agtccacagg gaaacggaag atcactncgc cgaccatng ganctggcct tntangagg	120
acgagcttca gctnttgagg agcgtgctgc tgt	153

<210> 3

<211> 361

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(361)

<223> n = A,T,C or G

<400> 3	
aacatcgatc atgtcatttc ctgcgttgga acgaattcag cctctcatan cgggcaacag	60

caccaaggcc	tgaaggaag	gcttgctggg	tgccaggaag	caggacattg	cattaataag	120
cagggtctgt	tcagcactaa	tccctaccta	cttctgcttg	gtcccgccag	ctcgctacca	180
tggtattctg	agatcttttt	gttccggctc	acttccttcc	tctggccate	aacctaagga	240
ggtcctgttt	gcaagccatt	gtccatgaca	ttgctttttg	tttgggtttt	tgattgntga	300
gtctgttctt	gaacttgnga	tcttctgcc	tcttcaatgn	naagngaacc	accatccctg	360
a						361

<210> 4
 <211> 239
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(239)
 <223> n = A,T,C or G

<400> 4						60
taggacccag	aagatgtgtg	tgcgagattg	tgtcttctan	aatgatggg	gacgcttcac	120
ccatgttacc	caaacagtat	ggttgtctaa	acaagaccg	aacatganca	tcaccaacag	180
acatgccaat	atggaaagga	aatccctgg	agtccttaag	aactacagtc	ggcctcgga	239
ttgttgggag	tggggaggag	tcttntgtct	caccangna	tgaccctgct	accgcctat	

<210> 5
 <211> 210
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(210)
 <223> n = A,T,C or G

<400> 5						60
gagacatgct	gatgctggga	caaagaatgg	tgctgncatg	agctttcaga	gtactctgac	120
nacgggtgact	gggaagctgt	tttggacatn	ngnccntn	cccacccttg	nttgctatn	180
ttccagattg	gatnactgc	cttccttcaa	gcttttaaac	ctngnncggn	agagaacatg	210
aagactggaa	acnaccttta	aaaactta				

<210> 6
 <211> 264
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(264)
 <223> n = A,T,C or G

<400> 6						60
gactgaggtg	gggtctttca	ggaggagagg	aagncgacga	cgacgacgct	agttactgca	120
cggaagcag	cttcaggagc	catagtacat	acagcagcac	tccanntaan	nacccaaagn	180
nnangggnga	nngnttcnc	acctnctccc	tccccctggc	ttgctccctc	tccagtgcag	240
tgcatcctgc	ttcctagctc	ccccccccct	tccccgcctg	tcccccacgc	ggaggccacg	264
gcgcgtntag	tgacaaaaaa	aaaa				

<210> 7
<211> 355

<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(355)
<223> n = A,T,C or G

<400> 7
gaactgagat ctccagtcca ggatttcccc tgggtccacga atcttggttg aatgccttcg 60
gagcatcact gatccaggag ctgaccttct gtcatttaca tggcgtctcc ttgatgaaat 120
attctccagc tgcttaagaa catagtgaac agtttctcac ggattccaac ttgaacaaaa 180
atcacacctc catccttggt caacagaccc ccaaagcatt tacttttcca agtacacaca 240
ctcaggaggc agagccaagt ggaccttttg agttcaagcc caacgtggtc tacanaagca 300
aagtttcagg acagccaggg cttcataaat agatcttgtc tcaaataaaa aagaa 355

<210> 8
<211> 188
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(188)
<223> n = A,T,C or G

<400> 8
actgagtatg tgtgtgccgg nagagttcaa agcagggcctt cggcatcccc tggacattat 60
caatagtggg caaggacctc aggtttctgg agagaacagc aagagctctt aatggcccag 120
ccaactccca agtctcttca gttatatattt ttccaagaat tacntaaaag aggctattaa 180
aaaaaaaa

<210> 9
<211> 436
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(436)
<223> n = A,T,C or G

<400> 9
aatgaaggac cctganactn ctengaagaa gggattgatg cnggncgctt ttggaatgat 60
acagaacnnn ctacaaccag aaacactagn aaaggccact gaaaangcta acgcctaaac 120
ccgggtntna angcnntccg cacnccggcc cagnntacgg naccgncctt cagccaggcc 180
tgngganagc aagagtgaag aaatgcccgg gggagttcca agccgccttt tcccaactna 240
agggccccgg actttgnttg nccgttgctg aaaganccct atagacaaag atgagaagac 300
nttntngaa ttgatcagag acaaaaaagg gctcgaanna aangagtttt gancgggaca 360
ccgtaccatt taaatgtgtc tgctctttct ggnntnaatc aaanaaaggg atccctntgg 420
aaatacgaat attcgg 436

<210> 10
<211> 306

<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(306)
<223> n = A,T,C or G

<400> 10
gactgagggtg gccctctagc tgcactggcc ctccacanct atggcctcct gccagactc 60
agataatagc tgggtgctcg ctggttctga gaatctgcct gtggagactc tgggccccaga 120
accaggatg gacccagaat ctgagggagc ctcccaggcc cttcgggact cctccaaggc 180
agatggcaaa gaattagctt gggaccttgg atggagaaga gaagcttttc cagacggaaa 240
gttcccagag agaaaactgct gttctgacag agtctgcggc caagggcact ctgggagccg 300
atggtc 306

<210> 11
<211> 205
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(205)
<223> n = A,T,C or G

<400> 11
gctgcccgtc cctccagata ctctgctggg ctctgangg gctncttgaa ttgaccctta 60
ngtgtnnngct tngggagccc aatgtntnta aaagaaggca tgttctgac caaagtgtta 120
tcgtcaagtg tgctaattta accagactga ctacacagatg gcttctttaa taaataaacc 180
cttttcctat ttttaaaaaa aaaaa 205

<210> 12
<211> 267
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(267)
<223> n = A,T,C or G

<400> 12
cagctcacga tgccagganc tgaccaatna ctactttggn ttcagtggat ggtcgaaaag 60
gatcatcaag ctgcaggagc tctccgnact ggangatgca gctctcagct gtgcccacgc 120
anaaggggag cccccagatn cntngcgctg tanaggaggt gctgcccccc tacggatgca 180
gnagccctgg ggttggcatc tctgaggagc cntngcacca gctggaggaa gggaagagct 240
ggntaattat gaacaggaag acagctc 267

<210> 13
<211> 282
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature

<222> (1)...(282)

<223> n = A,T,C or G

<400> 13
tttaagaacc cgaggncaaag acccacctga nttntagaat gagngacaaa acccncnctn 60
ncatnattna tnannaatatt caagangggc agctcgaana ngcntcngcn gnnctctatt 120
catcntacan ggacaagggg gcaactcatgg ntttcagagg aattcctatc tccgagctga 180
cgaaccatgg gattctccag gccctgacgg nagaaaacca atgggtggca nacaggtgnt 240
gggagtgaag aggnccctaaa gccccaggaag agtggggaagt gg 282

<210> 14

<211> 421

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(421)

<223> n = A,T,C or G

<400> 14
gactgaggtt tctggacaga cctagnctt caccaagaga attcaacttg gaaaccaaga 60
ctggtagact ctctgttctt ccgacaagag gcagaagtca gagagagact gcggattctt 120
gggacacctg ttttctttt ggaggacacc gagttctttg agaagacagt tcaatatggc 180
aaaggaactg aaagaacggg gaggagccgt tactgtgatt tgggtgacgg tcttcagaca 240
accagtgtct taaggaaaac tgggacagag aacttctgaa ctttttgggt tcgttaagtg 300
agaagtcagc atggctcagg taaaaagctc tcgagtcctc cttcaagacc gttcactggg 360
aagcctcttt gcagngtcac ccttgaattc tgcccttagcc aacagtattg accatcccca 420
g 421

<210> 15

<211> 240

<212> DNA

<213> Mus musculus

<400> 15
agattctcat gcctgtgacc caggctgggc tggaactaat tatgtagcca gacttgccca 60
aaattcatgg cagtcctctt gcctcagcct ctgtgtgggt gggattacag acttgagcaa 120
cattcttcag tgcatcttct aggaatcttg gctaaaaaaa tccaagtta tcacacacaa 180
gtctacctt tattggaata aattcaatca agttctttgt gttccttcca aaaaaaaaaa 240

<210> 16

<211> 111

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(111)

<223> n = A,T,C or G

<400> 16
ggtaaggaa cactgactgc atcttccaaa ggtntcgant tcatcatccn agcaaccaca 60
tggtcgccct cacaancatg tgtaangnga tcttgacagc cctcttctgg t 111

<210> 17

<211> 542

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(542)

<223> n = A,T,C or G

<400> 17

tgagacccca	gggccgcagc	tttgagcct	tacaagggcc	taggccgctc	gccgtacact	60
ttcccgctccc	cggacgacga	gggtcccgc	ggcaaaagaa	ggggctgnct	agcactcgag	120
aacgcttctg	ggaaatgtan	tccgcgattg	gaactggcgg	ngaagatggc	atccattctc	180
ggatttccc	ccagagcacg	gcctgaggca	ggccgaggag	ctcggtccnc	attttcaatt	240
ttgtgcgtga	aattcctaga	cagatataca	aactcggaca	gaaactctta	caatgcattg	300
agcccccttc	atgatagggg	gccaatctca	gagaatcact	gtatgttttt	ggagtagggt	360
tgcaccggaa	gttgtgtaga	gtcgcgtgta	tttctgggaa	atgtagtcta	aaaaaggaac	420
tgcgtggcac	tggctctctg	gaacaaagtt	gttngaaatg	atttctgaga	taccacaccc	480
tgagtctgga	catttctggg	ccttgtaact	cactgtanga	attttcagga	tgacaaaaaa	540
aa						542

<210> 18

<211> 309

<212> DNA

<213> Mus musculus

<400> 18

gaactgagca	aatccaagct	ctgtctggctc	cccccaagac	ggacgaggca	gaaaagcgga	60
gtcgggaagcc	cgagaaggag	tcccggagaa	gcggcagggc	caccaaccac	cgacagctgc	120
gatagctgca	aggaaggtgg	ggatctcttg	tgctgcgata	actgccctgc	cgcttccac	180
ctccagtgtc	gggattgact	caggacgtca	ggttgtcctg	tttggcagca	agtaccttca	240
cctcctgagc	catctttctc	ctaataataa	taaaccttta	tattaaaaaac	aacaacaaca	300
aaaacaaaa						309

<210> 19

<211> 538

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(538)

<223> n = A,T,C or G

<400> 19

tgagatctct	gagtggagtc	atttctctgt	acagacttca	caaagaatgt	gctgagaatt	60
ctagtctgtg	aagggaacat	tggcttaagc	cctcacgtgg	cctagcattt	cttctcttca	120
gtagcaccac	atcacagaag	aaaaatgtac	gggagcgcaa	gaacaatcag	caatctggaa	180
ggcagccctt	ccaggtcacc	acgtctgcca	aggtctcttc	gtttgggcca	ccgaagaaca	240
agcagtgggg	gagggggagg	gacaggcaag	actctgtcta	tggagaatat	ccagtcctct	300
aatgcagcct	atgctacgtc	tggacccatg	tacttgagtg	accatgaagg	ggtggcatcg	360
acaacttacc	caaagggaac	catgactctg	ggcagggcga	caaatcgagc	ggtgtatgga	420
ggccgggtca	cagccatggg	gagtagtccc	aacattgctt	ccgctggact	ttccacacg	480
gatgtccttt	nctatacgga	tcaacatgga	gggctgancg	gnttatccca	ccacccca	538

<210> 20

<211> 501

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(501)

<223> n = A,T,C or G

<400> 20

tgaggcttcc	ctttccctcg	cacctgtctt	gcgcttttga	cancaganaa	ggaaaattct	60
ntgnagagnc	ctaccttgcc	agtggcgccc	ttaagcggtt	aattttaaat	cttgatccat	120
taccaactaa	ttntgnagag	gatacagtca	gaactatttg	gcttccaatg	ggntacagaa	180
acagngctag	tctattcctg	tagagagctc	tttcatttat	ncaggcaaca	gatatttaac	240
ttggagtcct	tgnnacaagt	cagctgngat	tttgngaaaa	tanccacctt	gcacgccaaa	300
gcnagacgtn	ttaggcaaca	atgtgtagtg	ttccttcact	acattaaagt	tttcatcttc	360
aggtgncttg	naagtaccgg	aagcngagag	ccacagncgc	cctgcccatc	cctatgagge	420
tntgnaagcc	cancttccct	tcattgntgg	tcgatgaagc	tcccaggatn	actnctggac	480
atntggacat	ttagctggac	t				501

<210> 21

<211> 206

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(206)

<223> n = A,T,C or G

<400> 21

ttctcgggct	ttctcgggan	cccngggacc	cctggatata	ntgcccnant	gntgagcccg	60
ctaaaagcca	tngtngaccc	cggcccgccg	ccgcctnatg	agggacttna	aaggaggnta	120
caggaaagat	cctccggccg	gagtgangng	gggtcccgnc	ggagaacaac	ttaatnggtt	180
tggaatgcgg	tcattttttg	ggcccg				206

<210> 22

<211> 159

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(159)

<223> n = A,T,C or G

<400> 22

aatgcacaat	gtaatnagaa	caagggctga	ccatttggan	agacctttat	ttccttgacg	60
ctcccgnctc	ttntctccan	cgncatcgt	ntctcatcna	atggctgagc	tctgtgngcg	120
tcacgaaggc	atcttaacct	agntctacgg	ccataccat			159

<210> 23

<211> 329

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(329)

<223> n = A,T,C or G

<400> 23

aactgagga	taaggagttc	agctcatggt	cgagcgcttt	cctgggataa	ccaaggatct	60
tggttcaatt	tctacagaag	aaatggcttt	ccagactgta	gtattatgga	ttccaacctg	120
ggttggttt	gcttggtttt	acatttttaa	gccaggtgtc	tgaaatccca	ncatttggct	180
gactgagga	aagagggta	aacnccaccc	anagcttcct	gaacgggngt	nccatganag	240
ccngctntcc	tgnaattatt	gccctgggag	atggatnagg	atnncacggg	tanggagagg	300
gtggaatgct	acnaatctag	gcgacactc				329

<210> 24

<211> 452

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(452)

<223> n = A,T,C or G

<400> 24

acagcattat	aagtcagtgg	aggaatanga	taaatgaact	gaaaaatcta	actatgtcaa	60
ccaaaggagc	tctggtctct	gacntaaaag	atggggtcag	acaagcancg	cctgccnnnn	120
gnatttgnaa	gtnngcaagc	agggggngnt	ntgggtcncc	angctttcca	ntgaataaca	180
gcaccancag	cactgttcat	gaactttaga	atttaaaaca	agccctggnc	ttgccactcc	240
tccttccgga	agcacttcag	tatttggaag	tcaccagccc	tttggggctg	ggccctntgc	300
gggntnctnc	atatttttct	tactccagc	ctttggactt	ggggaaacct	gaanccacgt	360
nnggntgcat	nattttcggn	tnaagagccc	tgaagcttcc	aggttttgca	tcacctgggg	420
ttttgannga	tttncagcct	ccatggcagg	ga			452

<210> 25

<211> 230

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(230)

<223> n = A,T,C or G

<400> 25

tctggggttc	tagaaccact	ttctgctaga	gcaagggacc	ccaccctgtc	agctcttggc	60
ngggaggcac	cagcatccac	aacgcccata	ctcggtgggt	ccctgcaggc	gggattagga	120
caacccccang	gngaggaagc	agaaagcact	ttttggggaa	acctgctgtn	tgccactaga	180
cacangttca	caggagacca	nggaggtggn	ccccggggccg	atgagggcct		230

<210> 26

<211> 443

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(443)

<223> n = A,T,C or G

<400> 26
tgaggaactg aacctgggtc cttgtgcatg tgtttcttcc agcagatcca agtcttgcta 60
ctcctgacct tatggctggt gtctgagcat actgatgagt tagttcaaca aggccattca 120
gtttgattca gtatttgtcc ttataaagga agcctgaanc attcaagtcc aaggagngtg 180
acagnagnat gaaacatgan tcngacatgg taaaagcata ctancaataa gcttgctggt 240
nactctttat agtccagget ggttcagaac tcatattcct ntcacctttg tcttctatgc 300
actagggtac aggtgcacac tcagatgcac agcttaatct agctcctttc taaactgaaa 360
cattcctgac ttactttaaa actacggaaa acatttgaga catgtatgaa tgtggncaga 420
agagatttca gattagacct att 443

<210> 27

<211> 120

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(120)

<223> n = A,T,C or G

<400> 27
ccaaatgcct ttccaggcta gaacccaagn ctngatctg ctggccggac acancancag 60
atctgcatga ggagggatca gacttcnttt gtnnaggggn cggaactcgt gtcctgacaa 120

<210> 28

<211> 184

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(184)

<223> n = A,T,C or G

<400> 28
catctttggc tgtgctacnc tngggctatt acaatcentg ccctactgag aagagtgtcc 60
ncctttntac attttatnaa gaccagagct gctgcctttg aacaattggt aagtcctcng 120
ggmagtnncc ggagnactcc attgcttttc ctctgtctat nnnngtggg gggggagtgc 180
tact 184

<210> 29

<211> 278

<212> DNA

<213> Mus musculus

<400> 29
gaactgaggc accactcgcc ctgcccagge tccgacctcc acttctcttc cccaaaatgg 60
cctcggttct gtgggaagtc acctccagge cccgggccag ggaggaggcc acagaaagct 120
cctgagaggg aaaacacccc tcccgcagac cccacaggac cccgagttgt gccaaaacc 180
tagaggctag ggcacctgga ctggaggaag ggagccttgg ggctggaagg agtgacaaag 240
cagaaataaa ttgaatcctg atctttcaaa aaaaaaaa 278

<210> 30

<211> 141

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(141)

<223> n = A,T,C or G

<400> 30
aactgaggga ggactttgtc tttctggacc aggaaggtga tgtaattgct accaccaaac 60
ctgagaactt gagctcaatc gcanggaccc atatgttggt tcttcaattt gatggataaa 120
gataactctg ttcaagaaaa a 141

<210> 31

<211> 284

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(284)

<223> n = A,T,C or G

<400> 31
ccctctgtac acctcagcct gaagcctctc cntgagtnac ggggntacca tccccacca 60
gggcactagg ntggaggcca ctgccaaagca tggagcccac ctggagtccc ancgtngtgt 120
ctgtggtggc nnctgtgggg ctcttcctcg tactgctggc caagaggatg cttggctaga 180
anaaccaccc aggtttatca gagagcccaa ggatcacatt gtnttnttcg gggaggngtg 240
nctncttcg tagtgccagg ccacngntaa tcttaaagcc acgg 284

<210> 32

<211> 109

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(109)

<223> n = A,T,C or G

<400> 32
gaactgagtt gactttgggg tgaggncccc ttacnact nnctgtgtga ncagtacann 60
cctactcgan ttgtattttg taccttaatt accaatatgc taccgtcct 109

<210> 33

<211> 336

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(336)

<223> n = A,T,C or G

<400> 33

tctgacctta attaaaccac accaggaatn tataatncgga agcctgnngc antccagaca	60
tcnnggaett gtttangcng atcnccaagg gggacttngg gacngagtgt cacnnttca	120
tgcntcaaaa tntgttcaga accaggangc ctgtncatga cgaccatcac caggctnegg	180
aagagctgcc gngcagcgct tgcaggcaca gagctgantg cncaggcgcc cactgctgca	240
gtgctcttca gagcacacac ttcaccaatt cctaccncan cgttntctgct gnaaatactt	300
gaaatcacga cactcaatgg gggcttttga aaagaa	336

<210> 34
 <211> 358
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(358)
 <223> n = A,T,C or G

<400> 34	
gaactgagag tggagctgtc ngaagcctgt ggcacctccc ctctcttagc cacagccaac	60
tggtccatga caagagcctc ttataagtca tctggactca caccctgggc tagaagattc	120
aagaccttct ggcagtgcct cagaggacca gaagncagga gaacaccagg cagcagtggg	180
aatggtaaca gaanacctgc tgnacgtggg tttgtttttc caaaacgccc actcccatgg	240
ggnggnttct cctcagctg agatacanat ggtgccctca atgcccacac ccagacctag	300
ccaaattcttt actcccacac catgactaaa cttcctgggt gctatcaaaa ccacaaat	358

<210> 35
 <211> 214
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(214)
 <223> n = A,T,C or G

<400> 35	
gaactgagag tcatttcaag canctcctg ctgccaggga catcttttga gtgagcacca	60
cacttcatga tgaccatgan ggctcctggn cagctgcca taanatggnt gntttgtatg	120
cccctgattg cgctctgtgn cgatggagca actncaanag agaccctacc ctgtgactac	180
catcagggat cncnggaaga acacccatga taaa	214

<210> 36
 <211> 270
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(270)
 <223> n = A,T,C or G

<400> 36	
agcctatctt gaggaactct caanggaenc ncaggagaaa cnggttgnt ccattttcac	60
ctntctaaga gatnagantc tcacaggcnn gnggnttaca tcacattctt gaaaactcac	120
actagntact tctggcttct ttcaccctta ttggtctttt ttgttctgct gtgccntgct	180
gngctncgan gnnngggggg gnatggattg gngnagagtg tgnccaactc tctggatagg	240

<210> 37
 <211> 256
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(256)
 <223> n = A,T,C or G

<400> 37
 actgagtga tgcgtccgcc tgaagccct gacatacagc ctgacatatt cagctatctg 60
 ctccacctga tgtacacagg gaagatggcc ccacagctca tgcaccctgt gaggctagag 120
 caagggatca aattcctgca cgcatacccc ctcatccagg aagccagcct tgccagccaa 180
 ggcagctttt cccatcccg gcaagtcttc cctntggcct catccttgta cggcattcag 240
 aatgcaaaaa aaaaaa 256

<210> 38
 <211> 405
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(405)
 <223> n = A,T,C or G

<400> 38
 aactgaggtg ggggtctttca cgggggctgt ggaagctgtg gaggtcgtga ggcaactgaga 60
 gctgtgcctt cggtgggtggc ggnccctcatc ttcttccctt gtctgctgta cggaacatac 120
 gccttctctg ctttcgatgc cccgaggcta gccccaccat gagctccgc ttggnttaca 180
 cccttcgctg tggggtcttt gccagctttc ccctcgtact cnggctcctt gtgtacgggc 240
 nggggctatt tngcttttc tgcgcttcga gcccttcggc gagccgaggn gggaagngga 300
 gatnaccg gcagnacnng ggcccaatct agngcaaggt cttcancctc tacttctnta 360
 accctggggg gggctttcaa cctaactggg cccaagagac accct 405

<210> 39
 <211> 286
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(286)
 <223> n = A,T,C or G

<400> 39
 tccgcacgca taccangaaa acacatgncn nggnatccng gcaaagatta atgccatgcc 60
 totggggcnc agactcnagg gtccttgtca gcgcctntca nganggnaaa cttnatcatc 120
 tggcacantt ataccncaaa caaggtnatna tagccatccc tctgcnctnc tcttggtctca 180
 tnacctgcgc atacgcttcc ttctngaat tatgtggccc tgtngnggcc tgnatnacat 240
 catgctccat ttncagcctg aaaactcgnc taggggaagg cgcgga 286

<210> 40

<211> 241
<212> DNA
<213> Mus musculus

<400> 40
actgagcctg aacctggctg ctccaggtttc actgttatcg ggaagagagc atgtggtgga 60
gcctgccgcc ctatcattct gccactccca ctgctgctgc ctgctgccta gctgttccgg 120
agccaaacac tgtggtcacc tgcaactgga ctgtaggat gatttggcag gaatgggcc 180
cttccccttc ttcataaccc agtgtctgga atagtaaaat cgaaccttga tcagaaaaaa 240
a 241

<210> 41
<211> 128
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(128)
<223> n = A,T,C or G

<400> 41
cccaagccca actgtgtgng ctcttatcca actgnngatn agcccatgta tntcacgctg 60
ctgnaggcac ctttgggaan gngggncaaa tcaacctcat aaaggatgat cgacaacaag 120
aaactacg 128

<210> 42
<211> 348
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(348)
<223> n = A,T,C or G

<400> 42
tggtgtcatg gaaggggatt tactttatcac tcttctgtt tgctggaagc ttttttggan 60
gtatttttat gctcgccccc attttacctt tgatgtttat aaacctgtcg tggatcgct 120
ggattagcag cgtcttctgt gctacatggc tcacacttcc tgtggcattg ctggagacca 180
tgtttgggtg gagagtgggt ataacagggt acgcctttgt gcctggagag cggagcgtca 240
tcatcatgaa ccaccggaca cgtgtggact ggatgttctt gtggaactgt ctaatgaggt 300
acagctacct cagggtggag aaagatntgc ctcaaataca gtctcaaa 348

<210> 43
<211> 313
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(313)
<223> n = A,T,C or G

<400> 43
tattctatga cagacngttt gggagatatc tgcaggangg atntttanac attacagaag 60

acaatacneg ctaatgcnnn tgnaggttta cagccactgc ctttttgcta ttacgctaac	120
tgtactcctg cactacantg atggaggggn ctggccttca tgtgacctat tgtttcaggt	180
cgctttggca ggagtattat accttcatgt gggctccctt gccaaaagac caaaacaagg	240
attcagccac acagcaggaa aaagnnttc taaataattt aggatgacna accaaatagt	300
tcaactggtt aca	313

<210> 44
 <211> 199
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(199)
 <223> n = A,T,C or G

<400> 44	
gactgagaaa tttctaataga cttgggtgaag aaggaaaacc gtcagaaaag ctgaagtact	60
gccatactag gcagaggttg naccgtgagn ncatnanata tnttacttac gccactaaac	120
tnttcatgnc cctgnctnac tacagnatat ntatnagctt ntggaggang gncatatccta	180
tnatttctta tatattgag	199

<210> 45
 <211> 248
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(248)
 <223> n = A,T,C or G

<400> 45	
cccacagagc aaggacattg cnacantntt ctaatgccag tgcttgggag gtggagagct	60
ggagaatnaa ctagtcncaa ccccgctttc tncctggact atggnggaca gagnacctnc	120
cccnaagctn ncaanagcaa ncncttnga cccttangaa tagaatntgg ntnaagttaa	180
ccgcttggag aagattntga tcagaagaaa catagattaa gagaagagtt tnttgcaaga	240
ttatagac	248

<210> 46
 <211> 154
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(154)
 <223> n = A,T,C or G

<400> 46	
gcctaccagc atttgtgngc ctgcgncnag acagggtcga cctgactgac tgangntnna	60
ntatgctata ntagcatnat gaactttact cacacagcac acattataaa tggacgnttc	120
ctgggcnaaa aaaanttttt tttgtggcgg gggt	154

<210> 47
 <211> 241

<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(241)
<223> n = A,T,C or G

<400> 47
tgccataccc actgtggnan taccctgcc tgaagcctct ccgagcggn ngagatncta 60
gantnttgat tncagcagn ccatcccca acagcctatg caatccaagg gcacaatgga 120
gctagacatn acccgagcaa gagccatggg gcatgnctg tngatggagn atcanntcac 180
tccagacant ttttntnagc actgggcnga taaacctgc aaaanacaag ggggactgct 240
g 241

<210> 48
<211> 262
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(262)
<223> n = A,T,C or G

<400> 48
tttcgtgaaa gtgccaanagt tccaggattc tcttgtgacc tctgaggttc aaaacctgtt 60
gtgatgactg tgagagggtta aaaatggatt ctaggccagc atggaagtga gagctcagaa 120
gcacaagtct agacctgatg gtctttcttt agagaacagg gttctgagcc catggacacc 180
ttgttacctt ttgtgnagnc actgatgnnc tnnnctnca nnntcnntg ncttaccctc 240
tcaagtgctg ggattaaagt tg 262

<210> 49
<211> 492
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(492)
<223> n = A,T,C or G

<400> 49
tactgagctc ccctatantc tcctacccat tcaccacttc ttcgactccg ntggatgaga 60
accanntttt tccaactcgn tctacacttg ancatatcat gaanacatnc gttacaaatg 120
aagcananng ctgcacaatg aggtgtcgn ggatgcgaca cttntgagtt accctaaatn 180
tcccangtct gnagancggn cggcgatagg acttggaac agctgcgatg gattcnntcn 240
caggtatctc aaccacctcn nagggtgcaa gatgcacgc cgggggcagn tcctcctgtt 300
cagaacactc agcccacagc tgactcccac ttccgtacga taacgcaaga tgggtgggacc 360
ggcnattgaa aaccacattc angatgtcgg cttccggnnt tcccggcagc nccccgcgtg 420
gctgccgggg ccacaccac ttccggttcc cttgctccgg catggctggc ttanggacct 480
ggctggccag tg 492

<210> 50
<211> 242
<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(242)

<223> n = A,T,C or G

<400> 50

```
ccgggctcct ttgcgtctgt ntnacaggca accacnctgg ccanncgttt ctcagggtgca      60
gtggatttcc tcacagagca ggtgttattt aggactggag gcagggatga gtactctggg      120
actggaaacc atctctctcc taaaagggaa acttgactta taatggntct ccttgacagt      180
taatacccaa gcttgngcag ntatacagac ttgcacncag accctattat cacagagaat      240
tg                                                                                   242
```

<210> 51

<211> 142

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(142)

<223> n = A,T,C or G

<400> 51

```
gccctgaagg gtgcgctcgn gggcgtaaaa ccaccagttt ttttgaatgc acaagggtgga      60
cagggcccct ggcttcttct tgacggagga nnggatgatg cggncagtga caccatcant      120
gagngaagat gccattaaag gg                                                                                   142
```

<210> 52

<211> 218

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(218)

<223> n = A,T,C or G

<400> 52

```
tttcctgttg gggcccatth ggagcggata agggacagga gaagaaatga nggaaggcgc      60
acgagaagag cctggagatg gagatgcttt gctgttccac nctgcagggg tnactggggt      120
nactcttttag tnttgcncng gcatctatac tctcngcctc ntctgatctc ttgtgcttca      180
gccngtcang gtggggntgg cttggctttc tttttttt                                                                 218
```

<210> 53

<211> 331

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(331)

<223> n = A,T,C or G

<400> 53


```

agtcttgcag tgttaagtgt tttcctcagg gtgctcatatc ggtgaaaatc atagatcang      60
ccacctttct gtgagccttc agctgagtct aanagggtgtt attgatcact aatggctttc      120
acggatgggtt ttacctgtcc tgcataaggtn gcttgggatac agctgggatac tgatgtagca      180
tctctttcac tgcctactag gatgcagtac tnggcgcggg tggcctttgc ctgggatggc      240
acgngctca tgtttaactg ggcaccagn gctcatgggtt agcccggcat gggcgngnc      300
tctattggag ctgcgctcac tggggtacac a                                     331

```

```

<210> 54
<211> 168
<212> DNA
<213> Mus musculus

```

```

<220>
<221> misc_feature
<222> (1)...(168)
<223> n = A,T,C or G

```

```

<400> 54
gactgagggtt gataggaccc aggccgnttt antggccagn ntaanaccta tggcatcngc      60
ggggccatnc ncaggatggg cgagtcanca tgancctat tcntncgatt ggctaaggct      120
gatggaattg tctcanacaa ctttttgagc ngaagaaatg cgggaatt                    168

```

```

<210> 55
<211> 345
<212> DNA
<213> Mus musculus

```

```

<220>
<221> misc_feature
<222> (1)...(345)
<223> n = A,T,C or G

```

```

<400> 55
actgccccag attttcgtcg gtaganccta aacatcgctt ccttagataa agacttagaa      60
naacaggacc ttggattgac aggtcccagg tcgctggcag gccttcccc agtatggatg      120
cgcattgnga ttaacttatg gaagcctttg agttcatnng ttctcagaaa ttagttcgag      180
aatggnatgt gaatggaatc ttcttaaccc ananggtntt tttntaata cataaccatt      240
tacttttagt aattgttaaa gntgataaca ttcgtttaaa tttttttaca atagcattta      300
tgcaatgnga ntacagaagg tccgtggagt tatattttta ttcaa                      345

```

```

<210> 56
<211> 447
<212> DNA
<213> Mus musculus

```

```

<220>
<221> misc_feature
<222> (1)...(447)
<223> n = A,T,C or G

```

```

<400> 56
agccaggagg ctgaaaataa caattccaca acatcagtnn cnggagttgg aactaaagcg      60
tcagaggacg cacgtgaccg gtgagcagag actgccagcc tggcgcagaa aagcacacag      120
cagagctgct gagggagtgg ggggtgggaag gggagaaaaa ttctcttcag aatgcacgt      180
agctctggct agcaaaactg gaactggata caagctgcag acccaaactt ctcatgaccg      240
tgtgagaaca caattcaaga acattggagg ctgcaccagg tataagcacc gccagaggcc      300

```

atctgacagt	ctggtacggt	gctaagagcg	gtcaccagtg	tgacacagaag	acatctttga	360
gcgacatctt	ggnttacatt	gtccaggaac	acggcctg	tgctcgaaga	gcttgaggaa	420
tacatccaaa	cacccattta	aaagett				447

<210> 57
 <211> 292
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(292)
 <223> n = A,T,C or G

<400> 57						60
ggcccaggtc	cccgtttctt	ggggctgngg	aagncttcaa	gctgttccag	aatccggntc	120
aaccggagtt	actggaaccc	agcagagnac	actcgccngc	cttgagcatc	ttttgcccac	180
aatctggctc	aggctcatag	gcttcagcaa	gaaanacttt	gggnacagct	gagtttgga	240
gaagactcca	nttnagtgac	cctccagagg	gangaaggaa	ggcncagntn	tttttttncn	292
ggagagggca	ncnngaaaag	gnagcncccc	ngcttgaaac	aaaaaaagga	ag	

<210> 58
 <211> 324
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(324)
 <223> n = A,T,C or G

<400> 58						60
gactgaggga	cgcaaggaca	cacggtaccc	cagnttggtg	caatggactc	tgacatatgg	120
aggtgaggga	tcacggcagn	cataaaggac	nggctgntga	tgtggctaaa	cttgtagagt	180
gccaatctac	ctgatgcgca	gcaccacata	aaactgggtg	gatggcaact	ggntgtgatg	240
gcaactgatg	tgatggcata	cagctgtaat	cctancactt	gggaagtaga	gaccaggtga	300
tccgtagttt	gaggtcaccc	ttggccacac	aataacatcc	aaaccagatt	gngctacaga	324
aaaccctgtc	taagaaataa	aaag				

<210> 59
 <211> 238
 <212> DNA
 <213> Mus musculus

<400> 59						60
gactgagtgt	cttctctagt	tcctgtcctt	gctgcttttt	gagttcttac	tcagtcgtgg	120
caccctgagg	agagtcagca	tcacaggggc	tcggtttcct	gtttcttcat	taacctaaga	180
attcagacaa	aacaaagctg	tccttaaaaa	acaaagtctt	actccttagc	ctgagaggac	238
tatccccttt	tcaataaagt	ttacattata	agttgagcat	gtacctgcaa	aaaaaaag	

<210> 60
 <211> 140
 <212> DNA
 <213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(140)

<223> n = A,T,C or G

<400> 60

ggtgagccgg	ctacagggag	accctctttc	ccttctccaa	catactcaca	tactgncat	60
ctgtaatccc	agnacttgag	aggcagaggn	aaaaggattg	ctnggaattg	gaagccatct	120
tgagcaagat	ctggtcttta					140

<210> 61

<211> 263

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(263)

<223> n = A,T,C or G

<400> 61

tacctgcagg	catccancaa	tgtgtcotta	gcagcagact	tgctgtcccc	agtgtgtaag	60
gccagagctt	tgcccattag	tctgtgactg	aaaacaatcc	cctgtctcca	agcagcctcc	120
acaatgacta	ccccaaatcc	ctaagcagat	tcttggaatt	ggagagagaa	cagctcaggg	180
catgaggatc	taaatgcaan	agtcctactc	antttganaa	ccagtaataa	aatccgtgtg	240
tggtagcagg	taaaaaaaaa	ata				263

<210> 62

<211> 324

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(324)

<223> n = A,T,C or G

<400> 62

gaactgaggt	ggggtctttc	actggcctgn	cgctggcact	ctgcgcaccc	gtcccaagga	60
tcgaaccttc	cgctgcgcag	cccgcgcgcc	ccttcagagg	ctcaccaccac	tccgccacgc	120
gtcctcgggc	cacgtgactg	cacgaccacc	gcaggggacc	cgaaaggatc	gccaggtccg	180
ggtgggccag	cggcgcttca	gctctcctga	gccagtatc	cgctgcctccg	tgcaaccgga	240
tgttagctgc	cctoctccaa	cttcagctcc	aaagccggat	ggacaaaccg	acgggcaaat	300
aaaagtctga	gatttagaac	agac				324

<210> 63

<211> 118

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(118)

<223> n = A,T,C or G

<400> 63

cctaaattca	ggatancntt	gctgggtctca	gcttgtagcc	ctgcctggaa	atcctgcctc	60
------------	------------	-------------	------------	------------	------------	----

aaagtctcaa gtgctgggtg acaggtttga gtcaccgtan gtgctgatgt atctatcc

118

<210> 64

<211> 385

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(385)

<223> n = A,T,C or G

<400> 64

actgaggtgg ggtctttnaa gcacagtga atggagtcag ccagagccta gagtgtctaca	60
gagggcagag ctggagaagn gacccaagac ctttggggga gcacagaaga tcatgtgtgg	120
atcctagaca ctggaacaag aacctgtgaa gttaanatgc cttgnagacc cttgagatat	180
tagaagattg ccnccgtccg naggataccc tcgctngagg aaagcttact aaccacggag	240
taagnancaa canaatggtg aaaggagaa tgctattccn aaacngana anccccnngt	300
ttnggagggt tgcctggct tggnttttg gccttgctta agtcnnngta tttttcttna	360
ccnntgataa ttttgggagg tatat	385

<210> 65

<211> 450

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(450)

<223> n = A,T,C or G

<400> 65

ctcataggca tttggagaac agaagtagga caacngagaa gttttattag cctcncnaag	60
tttctggtnt gtggattatt attctgcttc aatattttgc ggacttaanc tgacagaaga	120
acacnctaca ctccccaccc tcnntgtttg cctngntct ntantacttc aganngtgga	180
cttnagacta ggtgtcgant cgccatcngc catcccatTT tctttgaggg agcatcanaa	240
ggacctnccc gccagcctcc cggnccnccn cccngcgcag ncaggtgnca tccaggttta	300
gcaanaaaac ttgggggnccn tnanaaggag tngtggagcc cagcgagggg gaggaaaaaa	360
ggagagggcc nccgncccg cgaagggaac ngngagggaa tagtccatt ctttnggnca	420
naaccnngga gggaaggtct tttaatggaa	450

<210> 66

<211> 312

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(312)

<223> n = A,T,C or G

<400> 66

tcaaaggcat ttggaagaca gaagtangac gacagagaag ttntattagc ctcncaaagt	60
ttctgggatg nggattatta ttctgcctcn aantntggcg gacttancag angaaaaaca	120
cctagactcc cagcctgttn ttgccctttg ccttattact tcagatgagg acttagactt	180
ggtgtcgaat cngccntcgc catcccatTA tgcttcgnng agcatcanta gngaccccc	240

cgtcagtctc cggccacncc ccgagcnagt caggtgtcat gaagggtttta gnaggaaaac 300
 tgcggccctt ga 312

<210> 67
 <211> 444
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(444)
 <223> n = A,T,C or G

<400> 67
 aggagctact cggttcaaag gcatttggag aacagaagta agacaacaga gaagttntat 60
 tancctctca tagttntctg tntgcggatt attatttctg cctcntattn tgcggactta 120
 gcgangaana acacctacnn ctccagcct gttcttgccc ttgccttagt acttcagatg 180
 nggacttagn cttggtgtcg aatcgccatc gncatccat ttgnttgagg agcatcatta 240
 ggacccnccc gtcagcctcc ggccacaccc gagcagtcag gtggtcatca ggnttagcag 300
 ggaaaactgg tgccctnata aagggtgtgg agcccancga gggaagaaaa gagggagagg 360
 cactgnnccc gggaaggac gggaaggaat aantcccttc ttntggnchna aagcaggggg 420
 aagggtcttt tattgaaagc atct 444

<210> 68
 <211> 494
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(494)
 <223> n = A,T,C or G

<400> 68
 ctgaggtgca acgctgaact tcaagtcgac cggtagacta aaattaagtc gctgtaacta 60
 aaatggaaaa gtatgaaaag ctagctaaga tcggagaagg gtcttatggc gttgtattca 120
 agtcagaaaa caaatcttct ggacaagtag tagcgatcaa aaaattcgtg gaatctggaa 180
 gatgatcgtg tcgttaggaa aatagccctg cgggaaatcc gtatgctgaa gcagttgaaa 240
 caccctaaacc tcgtgaacct catcgaaggt gttcagaaga aagagaaaaga tgcatttagt 300
 ttttgagtac tgtgatcaca cactgggtta acgagctgga gagaaaccca aacggagttt 360
 ctgatggagt gattaaaagt gtgctatggc aaacccttca agcccttaac ttctgncaca 420
 agcacaatng taagtaatat tttctaagtc tagggaagtt ctcttgtagc cgatgcttct 480
 gttggagaga agga 494

<210> 69
 <211> 194
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(194)
 <223> n = A,T,C or G

<400> 69
 ggaacctcaa agaggatgcc actgttttgg aactattttg aaggcgcagc catcactagc 60

tttagggaca gggatattttt tnacagcnnn agaaatagna tccatancag ctccanaata	120
acaanntgct tgagtttctt ggggactana agatgacacg atannataaa gacactggcc	180
aagcatgacc tcca	194

<210> 70
 <211> 115
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(115)
 <223> n = A,T,C or G

<400> 70	60
gactgaggtg ccaccctacc aaggtaactg caatcttnan gnccatccct ccaaccactg	
gatctgctgc actgncgtgaa gntnnggttn ctningccana gcctcaactc actca	115

<210> 71
 <211> 478
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(478)
 <223> n = A,T,C or G

<400> 71	60
ctgctacata tgcgtgaaga atggcactcc ccatcatagt ntnaatgggg tgggcaggag	
tactcagtga ccacgctctc agaagatgat actgtgctgg atcttaaaca gttcctcaag	120
acccttacgg gagtgtctcc agagcgccag aagttactag ggctcaaagt taaaggcaaa	180
cctgcagaaa atgatgttat tnttgagct ctcaaactga aaccaaatac taaaatcatg	240
atgattnttt tactcgtgag gagagcttgg aagatgtctt atgtcctcct ccncctcccc	300
gatgatgtca tcaatgattt tgacattgaa aaaaaagtag ttgaagtaga aaataggagg	360
gaaaacctcc tgaaggctct tcgcagagtc aaggagtaca aggtggagggt gctgaaccct	420
ccccgggagg gcaagaaact tcttggtgct ggatgttgac tatacactgg tttggtga	478

<210> 72
 <211> 440
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(440)
 <223> n = A,T,C or G

<400> 72	60
cagatccagc acgcatgtgg agaaagcctg gcttttgtga gntgtennac tctnagctcc	
tctgcncca ngcccgctg nntagcatgc atgcttccca ccttgatgat agatggactg	120
aacctgctga natgaaagct gcatggaccc ccagtagaca cncagactcc antatctgag	180
aaangngcat catgaaagat anatgcnggc ctncagctat tnactagggg ctntannct	240
ataagngtgc anncatagnn ttccanaang cccaaagcnt gttnttgatt anangcnctt	300
taagantttt actcaaataa catctanaaa ctggannntc tntcactata angntgnaat	360
natagtattc cagaatgccc aaagcatgtt cttgtttaaa agcactttaa gaattttact	420

caaataaaaat ctgaaaatgt

440

<210> 73

<211> 188

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(188)

<223> n = A,T,C or G

<400> 73

tcccacatct tgaatctatg ttgcacaccc tgatacatgt gaacgtgtgg ggccctgaaa	60
ggcgagctga gatttggata ttcggaccgc cgcctttccg aagggacgtt gaccggatgc	120
tcactgatct ggctcactat tgccgcatga aactgatgga aagnaagtaa nggatgggac	180
gggagtgg	188

<210> 74

<211> 108

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(108)

<223> n = A,T,C or G

<400> 74

ccctcagcac ctttcctcc tgtgccagca ctgaggaagg tccctgngtt ctctggngc	60
atggctgttt cnaggaaaca ngggagcttt ttgccagccc atttgccc	108

<210> 75

<211> 124

<212> DNA

<213> Mus musculus

<400> 75

gactgagaac ctcaaactca ctactgacgg agttcgtcat ccatccctgc ctgagaagat	60
ggcagctcca tcgtccaggt gctggggctg aaataaaaact ccatcatccc tcattctttt	120
ccta	124

<210> 76

<211> 131

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(131)

<223> n = A,T,C or G

<400> 76

atthtgagct cctcttggac acgntgctcc tggcttngaa agatnccact tgggtttgaa	60
gatgcaaag gctgcttng atgtggcctt gaacttccgn ctagaaagag gntctataga	120
aatcactctt g	131

<210> 77
<211> 133
<212> DNA

<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(133)
<223> n = A,T,C or G

<400> 77
gcagacacat ttccagntga ttgaggtggc cagtgacatt actcccgtgc gccttaccca 60
tacttnagta gcnngcattt ctcattgaac tgtagaccac cttttctgtt tgagnccgga 120
acgcagtttc agg 133

<210> 78
<211> 151
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(151)
<223> n = A,T,C or G

<400> 78
cacagccaca ctgctgnagc tngccgcttt gctgtgacga agccatcaca gnggtcacct 60
gcaaccttan tcctagatta tctcggtgg naatcnggcc cctccccntt ccttcataac 120
ggagngtgg aatantaaaa attgaacctt g 151

<210> 79
<211> 413
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(413)
<223> n = A,T,C or G

<400> 79
acaaggcaca aaattttggg gnacagacnc tcaccaactg ttcttgggga gccatctccc 60
ttttcagtat cttagattct ggaagactcg gntgacttcc taaggactgc atcctacaga 120
agatacaact ccatggtgtt ctgaaagggt ggacaggaag tgagcagagg acatgaccag 180
tgaaaacagc cactgtttct atgcctgcta ttatgctttt tttgaatggc tgacngtcta 240
tctggggcaa gggttctcag acactgaagg accccactta gaatcttagg ttgnaagccc 300
cctgtcaatg tcatggcagg aggcagccct tggaaagtgg gctttgtaat gagnggtagg 360
tccccatttc ctgacagagg ntgctgggag cacaaggaga ctaggcacag taa 413

<210> 80
<211> 322
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature

<222> (1)...(322)
<223> n = A,T,C or G

<400> 80
gcaataccac cttgtgacnn cancgccact tgacatgcga ggccttgtag gntagacata 60
nngcngggan gncnangtcn nctcaccaac aacatccanc ttgctgnagg ctnaccccgn 120
aatgaaagaa agcaaagaca ggnnaancng ggccgagnaa gcttgnttta ggggatgggc 180
tgttttcnca caggcggtncc ccacaggtgg tccgaatctt ccgggnccca aaggctcact 240
tctcttttta acaacaggtt tctgccgatt ccagcatcac ttggaaaccc agatttttgc 300
ncacacatgc aaatccacct ag 322

<210> 81
<211> 241
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(241)
<223> n = A,T,C or G

<400> 81
ggacgacaat gaaggagntg agattgacat ggagtcctgn cngaagcatc tgaagaaaag 60
ggattctctg antttgaggc gacctgnagg aanagttctt ttccatactt gncatgatnc 120
ttttttcaaa cctganaact angaaggggn ttgggataaa taactantga ctactgannc 180
tcctantgga gagcngccga gggngtgagg canctgcnga caanatactt gtggtggcat 240
t 241

<210> 82
<211> 343
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(343)
<223> n = A,T,C or G

<400> 82
ttccacatag atgagggcct cattcngcca tcatgagntt tagtgagnct ccaggagaga 60
gcanacaga nacaganact cactcnnat caaacccctc ttctcagggt tcagagagcc 120
agggagaaga gacaganana tttttnnгаа ccagaganga ccctaggaaa acngngnctt 180
ncagacacan cngcncgtgac acacatatat gaactcctan aantaggatg nctcagggcc 240
tgaatagggg tcaagacaga tggagnccta gaacaggaga agcaagaaga catgagctcc 300
tattcctaag aagctgtntc ccacctgata ccctgcttgc aaa 343

<210> 83
<211> 492
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(492)
<223> n = A,T,C or G

<400> 83
 tgtgaccttc acgttttagag ccttttagct gcctggttgt tgtatttgcc accctgaaag 60
 cgctccacct ctgggacctt aaagggtgat agtttactct taqttattta tggaaactag 120
 taggaagtct gcagttgaac acgaggcaac ttctctctat gccacgtgga gctgtcaccg 180
 acttccacct cagagacaca caagcagagg agccacgtgc agcttgtag aactttcctc 240
 acagaaaccc attactgtac tccacatctg ctctctggaa taagcctggg atgaactgga 300
 ggaggaactt cagcggctgc tctgcataaa cactggagca gggcggcgtc aggggtgggac 360
 tatgcgcgca gccacaaagg caactcctgc tagaggacct aattgaagac tngggagaga 420
 ccaaggattg atgacgcana caaagccagc caatcgggaa ctgctgtttg gaaganatgc 480
 ttgctgggga cc 492

<210> 84
 <211> 198
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(198)
 <223> n = A,T,C or G

<400> 84
 ccatcactac tgattcatat tggtagttna ctattgaact ggactgctg'g catcctgaca 60
 atgaaaaatg gaatcgcccc aagaaattat ttctaaacag gtctagaaca ctcttttcct 120
 attaacttct tttctcccta cctctggttg atgaattaga agagaggntg aagattcaag 180
 aaccctaaat aaaacagg 198

<210> 85
 <211> 274
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(274)
 <223> n = A,T,C or G

<400> 85
 tggggccata taccagnctc catgttctca gaccacaaan ctaaaagttt gaagcaaggc 60
 agtntgtcca gtengaganc aggaactcaa gtccaaaaca gnetgctgt ctccactgtc 120
 agggcactca gccagctcnn aggtcagnat cngtctttgt ccngcatca gcttgtctca 180
 ccaatcactc tggcagctag catgctcctg ctgcnycatt ctgtggagaa aacacaaaaa 240
 tgccctcttc cccatattaa atacctgaac agta 274

<210> 86
 <211> 166
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(166)
 <223> n = A,T,C or G

<400> 86
 tctgagaggc actaattgca gcattncata agcaagatca aagcacgcat ttgaagngtt 60

cgaccatgaa tcnaataata cagnacatgc cgagatgaga tngccacgat natcaggccn 120
ttacgncgct gcccgactnn agnagagctg catgatttca ttgcag 166

<210> 87
<211> 222
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(222)
<223> n = A,T,C or G

<400> 87
cggggaagga gatgttcagc ttcatthttga cacagccgag cgcctaggag gcgtnactga 60
ntaagaggcc tgacttccca acagttnctt gggatgccag aagagaatgt ttggggccct 120
gaaaatggag tcgcaagcag ccgngagcag cctnacatgg gtatcaagaa cagatttnag 180
gccctccaca agagcaggan gggtctttaa tagctgagcc at 222

<210> 88
<211> 201
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(201)
<223> n = A,T,C or G

<400> 88
gactgagggc aggtgagatg gctnagcagt tnaagcagnt tgttgnacga gcntcatgca 60
cctgngnnca ttcccaganc ccatggaana gatggaagn gagagctgac ttgacaaaan 120
tgtntnttga ccantgtaca cggactggag ccncggactg cattgttcag gaaaataaag 180
caatttgtat gaaaaaaaaa a 201

<210> 89
<211> 434
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(434)
<223> n = A,T,C or G

<400> 89
gaactgaggt ggggtctttn gtgctgtggc tctcgggtg agggaaacag gactgcacgg 60
cgcgagagg acgatcgccc tactgaaaaa aataccagat cttacnaaac ggctcacgta 120
gggnaagatg ccggccacac agaagcccat gaggaactgg acatacggaa gggcacaccg 180
aagtctgctt tgatgattct ggaaggtaag cntntttgga ancaaaggac ggtccagcg 240
ngaattggtta agacgnnatt cttggtatgg acagccggtc gaagatgacc ggtgcgggg 300
ggacagaggn aggaataaac aaggagcgcc cntngccctg aggcttgttt ncttttgaac 360
tgtcgtgnca cttctangac ctcangaaaa tttaaaatcc tttaccccag aggagtgcct 420
tcccgcact cacg 434

<210> 90

<211> 147

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(147)

<223> n = A,T,C or G

<400> 90

aggcctacgt cagggccgga ngtcctgacc tcaagatgna ccggataacc nccatgttcc	60
atgcttccac nngtanctgc cannnnganga atttcnact gcccacncc tcctgttga	120
gaantacttc ctgtttttcc attgccc	147

<210> 91

<211> 322

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(322)

<223> n = A,T,C or G

<400> 91

tcttgccaga tcaactgctg aggttgctca tccactctgc agggcaggca ngacatacgt	60
tcccacgntn tggacaggag cgtctcnagg canagagtan ttgacaacat ggtaggcntt	120
gnncnagna cgaatggcgcc cctggcacan naggagagtc actngcctnt ttggncnant	180
attctgatat tctnctgca ctgttnccaa ancgncatt ggtnnccta aggncaaaga	240
caacatttgg tccccttgca naggggcanct ctgaaccgnc tntgactgnt gggagggcag	300
gcaaataaat gcttttgcta tt	322

<210> 92

<211> 119

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(119)

<223> n = A,T,C or G

<400> 92

taggaagcag tgtaatgata tacagactac ctnaggncct gcgnntacac cttanaagat	60
tcatggtggt ctgnccgaaa ccacgtgan annantgcng tccatgtcat ctttgacca	119

<210> 93

<211> 237

<212> DNA

<213> Mus musculus

<400> 93

ctgagcctaa gggaatgctg ttctctgcac tgaagtctct gtgccctoga gtcacgcctc	60
atccccagtc aacgcgggac caaccagcca gaaggcttca gtttgtgcgg cttacaaact	120
gggggcccga aagatgccct gccccagcc tctctccca gggcatgcc tactctagag	180
ctgctggtga acaggccagc caggggggaag atctccaggt aaactaataa aaaaaaa	237

<210> 94
 <211> 304
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(304)
 <223> n = A,T,C or G

<400> 94
 ctttggatac gcatcacccc agnctgactt cctttccctg agcctcacct gccttcgagg 60
 agtngagtgc anaccacagc gcctttgctc agtagctgct cccgctgtg tncagngtac 120
 accctgcttc atggagcttc tctgcctaag cngtngacat gactgagtgc ttggaagnca 180
 atntttaann tgcacagntt acacatgcnn aaaaaagagc catctaccca acctnaccaa 240
 gcaccctgc agatgtccat cctgaggntg nagatctnac ctctgngntt actgtaagcg 300
 ccat 304

<210> 95
 <211> 143
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(143)
 <223> n = A,T,C or G

<400> 95
 acggacgaac cgtgtcaaag ggntatgcaa gncnngccan cagacagcng nnacagacng 60
 ngcaancntc caactganga agatgtgagt attcttgga tctgggagca ttctgaaaa 120
 ataagagatt aaaaaaatc aaa 143

<210> 96
 <211> 414
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(414)
 <223> n = A,T,C or G

<400> 96
 ctggctcccc tgcctcctt cctgaagtgt gtgctcagta gcagctaatt actttgtgtc 60
 catgtctctg cctacatcag ggacctgagg tcagagcctc angccaattn gcagaacctc 120
 ntagnntn ctggatgaac tgccattgct agaattnagt aatgnngttc aganatggat 180
 ggantaccg tgetgatnnc tgtgaactga actgctgccc tcntgacaan natngaaaat 240
 gncccaaaga actatnacct aancaggtcc acatnctcnt ttgnctatt aaccttcctc 300
 tncactacct ntggngggcg gagggctaca agggaggtga aagtattnaa gnnatacnta 360
 tnaangnang ntngnanca tgnagctgaa ggggngctgca gggcgggggg aggg 414

<210> 97
 <211> 355
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(355)
 <223> n = A,T,C or G

<400> 97
 gaaccttaca agcttntgag atgaagaacc ngncangaag ctggngnnac gggnaanagn 60
 gtatncncct gngccctggc tcnctgctg tngnctganc cngctaanca tgcacctnct 120
 gncctgcnac gntctantta gcnnatngg nccnggtaga tcnattcttc acgcccgcg 180
 gncgccacga tgcanaacggg ctacaggcgt cgtttcgcgg tcgcggcctg cggggcgagg 240
 aggtagctgt gccgccaggg tttgcgggat tcgtgatggt gacggaggag aaggggagagg 300
 ggttgatagg gaaactgaac ttctccggng acgcgaggga caaagcggac gaggc 355

<210> 98
 <211> 245
 <212> DNA
 <213> Mus musculus

<400> 98
 actgagatta acacattaat gatgtcatcc gttgtacatc ctgaaagagc acctcacaga 60
 gcaccacagg accgggatcc aaaggaacgt gcaaaagtgc ccccgaccgc tgaggctgga 120
 gatggctacc tgcaggcagt gatgtcctct gcatagcaga agtggttcgtc gctgttaact 180
 tttacttttg ttgagacttt ggaaataaaa tctaacaagt gcattgtgta ttggaaaaaa 240
 aaaaa 245

<210> 99
 <211> 324
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(324)
 <223> n = A,T,C or G

<400> 99
 ctgtgcctgt ctccatggct ttcaggaccn tctcttgttt gacctgnctc ancacatatt 60
 ttcnctgaca gccatcgtga nttgtacngc cagtggcctg cctttcaagt tcaangtaan 120
 ccttatcgat ggagagagag agntnaagac cancttggac tacagnngnt ctgtattaaa 180
 actaacaaaa antgagctaa naggttagga agatggctca ntanatnnnn gcatttgcca 240
 acaacctgag ttccatccca ggaacctatg aaaagactga gggacanaac gaacttcaaa 300
 agttgnccctc tgacctgctc atgc 324

<210> 100
 <211> 389
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(389)
 <223> n = A,T,C or G

<400> 100
 tttgggaaag cacagggncc tgtgctgtgt gcctgtccgg cagagagcct ggtgggcatg 60
 gacatcttta tccacatacc ttagtgtgac cagcccgaca gaaanttnnt aaggccctct 120

ctggtgcccc	agaataccat	ggngacctat	cactatcctt	tctgcctttg	gatgtcccag	180
cctggatctg	tcaccaggag	aggattgtgg	gcctccacgt	tagtctgtga	atgcacactt	240
cgagtgaactt	gtgtgcaggt	tttgagagcc	ggttntgcac	tagctgctcg	acagctgctg	300
ccatggcccg	tgctcttgca	catgcgccgc	tgngggcatg	ggaattgctg	tgcagcctca	360
gctgtgttgt	atggctgctg	attaaactg				389

<210> 101
 <211> 396
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(396)
 <223> n = A,T,C or G

<400> 101						
agaccgcgat	cttgatggaa	cccacaatct	cactgcgcag	cactgttgcc	attggcactg	60
acctggggac	agcaggagcc	atgtgaggtg	tgacctctac	cacatctggc	tcaactgcaa	120
gcatgcagtc	ttccagctca	ccaggtaaaa	aggagtcccc	accttctgtt	tgaggnaang	180
nctctcactg	agctagagtt	ctcatttttg	ctgggttgca	gcacattgnc	attggcactg	240
acctggggac	agcaggagcc	atgtgaggtg	tgacctctac	cacatttagg	ctcaactgca	300
agcatgcagt	cttccagctc	accaggtaaa	aaggagttcc	caccttttgt	ttgaggcaag	360
ggcctctcac	tgagctagag	ttctcatttt	ggctgg			396

<210> 102
 <211> 254
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(254)
 <223> n = A,T,C or G

<400> 102						
gactgaggga	atgacaaggt	ctgcgtattc	agcacagnta	tttctccaga	atattatagt	60
ctgcagttga	ttgaacctgg	atgcagaact	tgagagccatg	aagatcaaga	acattgtaaa	120
tgacaacaata	aggggggaaat	gcaattaaaa	agtgggctga	aaaagtaaaa	acagacttta	180
ttagagaata	tacacatggg	atcctcagtt	gatagaatgt	ccccaataaa	tggcctgtca	240
ggtaaaaaaa	aaaa					254

<210> 103
 <211> 211
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(211)
 <223> n = A,T,C or G

<400> 103						
acgaccgcgc	tgttttcccc	gggtanaccc	ccgcccttca	gcatggcatg	aagaggagcc	60
ttttnattag	nnactcacan	nnccgcagcc	atcaaacagg	cagcaaggct	tcaccagcaa	120
gaccgaaaca	ggagcaaggg	ggctggngag	anggctcanc	aagtaaggag	cacccgacta	180

ctcttctnga aggnccggag ttcaaattccc a

211

<210> 104

<211> 451

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(451)

<223> n = A,T,C or G

<400> 104

ttgggactac	atggtaatcc	catgatata	ctgactttcc	ccgacccgtt	catcacagga	60
tccccaactt	caaggggtcc	tacctggctg	gccagagcat	cagagacctg	gaagtctttg	120
ctgggacaca	ggaagtga	gtggaccctg	ataagccctt	ggaaggtgtc	cgattcctgg	180
cactgcagag	caaaaaaaca	ctgctgggtc	caacaccacg	actgcgaaca	gggctgttta	240
acaagancac	gccacccctt	ggagccacca	aagacattct	gaggaaatgt	gccacctccc	300
anagcaggct	gggaancaag	cctntgtcat	ttggaaccgn	tgacnnggagc	ctgattgcct	360
gtcaccagac	actttcacag	ncctgctaaa	ctggnnctgg	aaacncactn	gagggatgga	420
gagccagggt	tcgcgtctta	catacaataa	c			451

<210> 105

<211> 255

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(255)

<223> n = A,T,C or G

<400> 105

tagccagaac	cttgggtgtt	tganagccgt	aaaggaagac	ctcgataagt	tcttcggggag	60
attccagggt	cttcagctca	aacatggcct	ggctcacctg	ctcaatgtga	gacattcgag	120
atccctgtgg	gccaaacaga	gatttcanta	ccagcgactg	gacctggaat	acttctggat	180
ctttcaggtc	ttcaggaact	ttcaccacag	gggggatgtc	tttacgggtc	atgaggggta	240
ccatcataat	tcctg					255

<210> 106

<211> 465

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(465)

<223> n = A,T,C or G

<400> 106

gactgaggac	agcatccacg	ctgaaatctg	ctttttatac	tggttccatg	acnaagtact	60
gnaagtgtctg	tctccgagag	aagagttcaa	gatcacctgn	tntatgtcct	gnagcccctg	120
tttcgaatgt	gennagcagg	tactaaggtt	cctggctaca	caccacaacc	tgagcctgga	180
catnttcagc	tcccgcctct	acaacatacg	ggaccanana	aaccagcana	atctttgcag	240
gctggttcag	gaaggagccc	aggtggctgc	catggaccta	tacgaattta	aaaagtgttg	300
gaagaagttt	gtggacaatg	gcggcaggcg	attcaggcct	tggaaaaaac	tgcttacaaa	360

tttagatac caggattcta agcttcagga gattctgaga ccttgctaca tcccggcccc
 ttccagctct tnatccactc tgtcaaatat ctgtctaaca aaagg

420
 465

<210> 107
 <211> 352
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(352)
 <223> n = A,T,C or G

<400> 107	
gtggagacct gaaccaggag tatcttattt tttttctata cggaaaccct tgagaatgaa	60
gacaccggag gaatatatca anccttgctg tgccaaggcc ccgtggaact cacanggggg	120
aagaaangga ncaaanggca ttctatcctt atttaatgat ggtnctggt tgagnctant	180
aacctgtgag tatgtgcaac atgcatcctt tagttatgac ggnctacnac ttngaantag	240
gctntttttg gtncaaaaaca tnaaatatgn gcttnnactn ctnttttttc ttttaannat	300
naaacttatt tcattacttt nctgatnaca actntttttt cctttcattt gg	352

<210> 108
 <211> 116
 <212> DNA
 <213> Mus musculus

<400> 108	
gctgtctatt gatggtatgt ctgacagtgg accacagctt gattcaatgg gtagtctgac	60
catgaaatct caacttcaga tcactgtcat ctacagccaaa cttaaagaaa ataaaa	116

<210> 109
 <211> 246
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(246)
 <223> n = A,T,C or G

<400> 109	
tgagcctttg cttccttact ttgctggana ccagcatgct ggagtcaaca ttcaagcaga	60
ccaggactgc tgcctcttcc tccagctgtg tctctctgtc tgcgcagntg ctttgatcca	120
tgtgggccgt ctttgagatt cctcctnnga nagegcncctc agcatgtcan cagcatcgaa	180
atcccaagtg ccggaggagg cancngcctg nntgcgagga agagcccaag ggaaaaacac	240
ttctca	246

<210> 110
 <211> 216
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(216)
 <223> n = A,T,C or G

<400> 110
ggacaccctt ttgccttgga ccctgtctca acctggcaca ctgaatgcc tgcctaaagt 60
gcccttgag gttagnccaa gttctcttnt ccttagcccc agtgccacaa gttnacaca 120
ccgctactgc cagcgccagc acccctttgc tggettntt ttaccctatg gtcctctgat 180
caccaatcan atgctgctgt gatttttttt tttttt 216

<210> 111
<211> 120
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(120)
<223> n = A,T,C or G

<400> 111
ttcatagacc acctgtcctt gctactgagc ccactcanc aaagatttat tatanngtcc 60
gtacactgtc gctgnttca agacacccca naagagggca tnanatctca ttaaagggat 120

<210> 112
<211> 290
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(290)
<223> n = A,T,C or G

<400> 112
gtgaaacggg tacactatgg cctctctgaa gaggtttcag acgctcgtgc cctgggatca 60
caaacaaggt accttatttg aaatnattgg anagcccaag ttgcccaagt ggttccatgt 120
cgaatgcctg gaaaatccaa aaagactgta cagtgggaacc tctggntact tggnaancat 180
cgatnggnat aggatgggng agcacatnca ncanctnta tnttatnnnn nncacnngt 240
tccntgtgan cntgtggggn cctgatnagg ngagctaaga tttgatatt 290

<210> 113
<211> 101
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(101)
<223> n = A,T,C or G

<400> 113
cgaggccagc ctagtctaca tagcgagtnn ccagctctat gtttctctcc agccagaaat 60
acatcctgtc tcaaacaaat aaattgataa aaggaaaaaa a 101

<210> 114
<211> 191
<212> DNA
<213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(191)
 <223> n = A,T,C or G

<400> 114
 gaacccttga ttcacggaca tgccgacatg tagttgaaca tgnnncacac accngctgtg 60
 acagactgnc ngatanctga acctacatcg tcnagcggaa gatgnagcct ttctacagga 120
 cagcatggag atgcaaggca atacagagnc atagaatgtc ggccacccag gacgagggtg 180
 taccggggc c 191

<210> 115
 <211> 157
 <212> DNA
 <213> Mus musculus

<400> 115
 gactgagggtg gcagcatgcc ccgggcctcc ttgtgatgtc aggaggctgg acagccaaga 60
 aagaagaaaa tggactccct ccttctgaag acttgcttgg aagccagccc cgagtgtgtg 120
 agtgcacagc gcctccaacg agaacagcta agagggtg 157

<210> 116
 <211> 248
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(248)
 <223> n = A,T,C or G

<400> 116
 actgagggtc ctgctagctc caccttgagc aactgggca gtatgggctt acagcagcaa 60
 gaggaagtgt gtgagggtcac cagccgagga gtggatgggg agaagagaga acggannctc 120
 attngaaat acattgtntc agctgnnaaa ccggacaggn ncattgtcca ccangccang 180
 aggacaangg gancaccaat ctctatagca ggatttcaga tggccgagga tnctaaactc 240
 agtgtcta 248

<210> 117
 <211> 319
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(319)
 <223> n = A,T,C or G

<400> 117
 gactgagggtg gggctcttca tcatcatggc agcaagcaag acctcgcagt agcctgcctg 60
 ctcatccgtg aaatgagggc cgaccccggt cctctggggg cggagtgtga gaaaagcacc 120
 ttggcgtgct cggctctgcac agggcctgac tcatagcacg ccgcgcgcga agcgccgntc 180
 gctgcagcaa acaataggca ttctgaccga aggcgcctta gttggccacc aagctgtttt 240
 gatgctaaag gtgaagctag cttttgcaat gaagtttctc aattttctaat taaatcttgt 300
 ttctagaacc aaaaaaaaaa 319

<210> 118

<211> 139

<212> DNA

<213> Mus musculus

<400> 118

```
ccctcccaag caccctgctc cctcccaggt gactctgcct agcacatgct tcagcctcca    60
agtgactcca ctgaagccca gtgcagctgg ggtggggagt gtcaataaat gtgagcaagt    120
gtgtgtccaa aaaaaaaaaa                                         139
```

<210> 119

<211> 488

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(488)

<223> n = A,T,C or G

<400> 119

```
gactgagatt ctgatgtatg tcaggtccca aagcaaccct agacaaatgg aagccctgga    60
gagtgtcggc cactacaatt ctttattgga aaacactgcc ccaccgcato ttgcagtttc    120
tgtttaaggg atcggcctaa aaatctatgc ccacaggaat gatctaagtc caactcaatg    180
gactgaacag ctaagctgcc tttcttggct tcttagagga atttcaacat tctcaacagt    240
acctatggct tcagattcag aacaactctc actctttttg gaccaagaca acttctttcc    300
actccacaca taaccatcct tcctgncagc acttngactc cgacttgttt taggccatac    360
atctacattt ttactattgt ttccagccat tttaaacaaa ttctttacaa tttccagtg    420
tataaatact gtgttttcag cttttctaag angaaagtnt cttntgggca ctttctggac    480
ggatctaa                                         488
```

<210> 120

<211> 500

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(500)

<223> n = A,T,C or G

<400> 120

```
actgagtttc aagagtctaa aatcaatggc ctanctgaag atttgatatg gaattgcaaa    60
acgtancacc agtgaaatcc ganggatgtt ttcttctaaa acgaanccag cagacgagca    120
gagtatatac tgaaattgga gagaatagct ccacgcgaag caaatcatta agcccttcat    180
cctcaggtag agtgaaggag gaggatctta agctcctgcc tcccaagnnt gatcggattg    240
agctatgtgc gatngtcaga gaagcaggag cagctctact cgggcctctt caacagantg    300
aaaaagtnta tcaacaacct ggaaaaaaac acagagatgt gcaangtcac ggatccaatt    360
gagaaaaatg ccaatcacn tttactacac cgncagtnnt tacacacctg agaaantggg    420
aggaanatgn ctcagcnatg ctgaaagaac ctacgcactg ngaggccaac cnttgacctg    480
atntttgaag acatggaagt                                         500
```

<210> 121

<211> 176

<212> DNA

<213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(176)
 <223> n = A,T,C or G

<400> 121
 gaccgagagg acagttgcta cgggtganccc ccgctcattc tttctaagga atcccattag 60
 ttnntgcaaa gaactgnatt nacttcgaaa cctaaaaaac aaccaatatc cgatatgcac 120
 gaatacttct gctatcaaga gtctagattg gataattacc agcaagggtga cgggaa 176

<210> 122
 <211> 435
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(435)
 <223> n = A,T,C or G

<400> 122
 tgagcacaga agaaaagcga gcnaccagga aaggccgtcg gaaaaaggat gtggncnatg 60
 atagtgatga nagagtgtc atggagcgac ttaagcaact gtctgtacca gccagtgatg 120
 aggaanatga ggtgcctgcc ccntacccc gaggacgaa naaggccaag gngggaaatg 180
 tttttgaagc cctgattcag gatgacagtg aggaggagga anaggaggaa gaaanccgtg 240
 ttctcaancc cgccaagcca nagaaaantc gcatcaataa agccgnggnt gaggaacctc 300
 ntgggctcag gagtaaaang ggaanggagg aaaaatcaaa ngggaangcc aanagtaanc 360
 ctgctgntgc aaacagtga ggggaaaagg aggaggagga cncagctaan gaaaaggacc 420
 ctctcacca gggga 435

<210> 123
 <211> 284
 <212> DNA
 <213> Mus musculus

<400> 123
 gctcttgggg tcataagaag tttcctgaag tcttcattgg tcagttttga ttggtggaag 60
 gaatgaagat catgcacatc atggccatct ggagccaaag ggttacagag gggctcacta 120
 tctccctctg gcattctggc ctgagctctc cagtgcctgc aattgaaaaa tgtctaatat 180
 tgtcttttaa cagaggattg ttaacatata aactgtcttc tataatataa atgtcttctt 240
 agattgtaga aaattattaa aatttaattg taagtaaaaa aaaa 284

<210> 124
 <211> 508
 <212> DNA
 <213> Mus musculus

<400> 124
 aactgaggca agccgagtgc tgggttgcctc ccgtaatttt gcaaatgatg ctacatttga 60
 gattaagaaa tgtgaccttc atcggctaga agaggcccc ccagtcacca cagtgtcac 120
 cagagaggat gggctcaagt actacaggat gatgcagact gtgcgccgga tggagctaaa 180
 ggcggatcag ctgtataagc agaaaatcat tcgtgggttc tgtcacttgt gtgatgggtca 240
 ggaagcctgc tgcgtgggcc tggaggctgg cataaaacct acggaccacc tcatcactgc 300
 ctatcgagca catggcttca ccttcactcg gggcctgcct gtgcgagcaa ttcttgacga 360
 gctaacaggg acgaagagga ggttgtgcta aagggaagg cgggtcaatg cacatgtacg 420
 ccaagaactt ctatggaggc aacggcatcg ttggagctca ggtgccctg ggagcaggaa 480

<210> 125

<211> 514

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(514)

<223> n = A,T,C or G

<400> 125

ctgaggctgc	tctttggcgt	nttttgcaat	cgattaggga	tcgtttctca	gactcaagtt	60
agaagtngga	gttcagataa	gtgaggccga	cattgctgcc	ttgaagaagg	ggagaatgga	120
tttatcaggg	agtgaaaaag	aagagcttgc	taggagtcaa	agagaataat	anaaagtcca	180
gcactagggc	tccttctcct	accaaacgca	aggaccgatc	tgatgagaan	tccaaggatc	240
cgatctaang	ataaaggggc	cactaaagag	tcaagtgaga	aggatcgtgg	cagagataag	300
actcggaaga	gacncagtgc	ttcaagcgga	agcagcagta	ccagggtctag	gtccagctca	360
acctccagnt	cggggctcca	gcaccagcac	aggctcaagc	agtggctcca	gctcgtcctc	420
tgcatccagc	cgctcaggaa	gctccaggca	cgtcccggag	ctccagttct	agcagctcct	480
ccggtcctcc	aagcccttct	cggcgcaagg	catg			514

<210> 126

<211> 537

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(537)

<223> n = A,T,C or G

<400> 126

gaactgaggt	tgcttatcag	agagaanttn	tagtacnaga	tncatgaggg	ggnaattgat	60
ngaattccagn	acgatggatc	cgngntcanc	ttggagtcca	tgcttctntc	canacacgac	120
tgccataaaa	ccttctntac	tcgngncacn	ggtttcanga	ccttgngnga	nttgacatnc	180
aatgacntgc	ttttacttcg	ncttanaact	ggaatgacac	tttctgggaa	tnatacaagt	240
ttggctccat	cacgtanaan	tttatattga	cagattcgaa	gatttgcaga	agtcgngctg	300
tgacccattt	ancatacaca	agnaagctag	ccatanacaa	cctgcacgnn	attgacttan	360
atgatgccac	ttttctgagc	gccaagtttg	gaagacagct	tgtacctggt	tggaagcttt	420
gccccaaatg	taccagatc	atcaatggaa	gtgtggacgn	tgattcagat	gaccgccaga	480
gacggaaacc	cgactcanat	gtatgtatag	aggcccnttg	tgctttctac	agagaaa	537

<210> 127

<211> 437

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(437)

<223> n = A,T,C or G

<400> 127

gactgagatg	caaattccat	ccactccttt	ccacttaaag	atattctcct	gggagatcga	60
------------	------------	------------	------------	------------	------------	----

gaaatttcag	ctggaatttc	atcttatcag	ttactgaatt	atgaagatga	gtcagatggt	120
tccctctatg	gaaggcgaag	caaccatatt	gtgaatgacg	tggggattaa	tgctactgga	180
tcctgattcca	tcgcagtcaa	agcttcattt	gggtgctgga	ccaaacatga	ggtaggaagtt	240
tcgacattac	tcaaggagat	tactgcacga	aaaattaact	ttgaccacag	tttgatccgc	300
caatcaagga	gcangcagga	aggcggtgct	gtgccgtggt	catgggagag	catccgaacc	360
acaccgccag	tgctctctgt	cgntgcacgc	tgggattcgt	ggggaacccc	ttgcnngntt	420
cattttatgg	atgaaca					437

<210> 128
 <211> 495
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(495)
 <223> n = A,T,C or G

<400> 128						
actgaggcag	cccggaggcc	cgggctccgc	ccctaacgtg	acacagatct	gacgcatgcg	60
cagcggcgcg	cgctgtttcc	ggnagtgtcc	tgtgctgttt	nagtggcggc	ctccgacatc	120
cccacgctgc	ttttgtgca	ggaactctgc	agcgtggacc	ggcgtcagcc	tgggcggggc	180
caaggttccn	gtctggcgcc	gcaggatgga	gataatccgg	agcaattnta	agactaatct	240
tcacaaagng	taccaagcca	tanaggaggc	tgacttcttc	gccatnnatg	gggggttttc	300
aggattcang	aatggacct	cagtaacatg	cattaacaag	tggtntttga	cacccanana	360
gagagatatc	agaagcttaa	aaagcatttc	catggacttt	ttgctggtct	cantctggcc	420
tttgtgcttt	taagtatgac	cacacanatn	ccnagcatgg	taacgaagtc	atttaacttc	480
tatgttttcc	ccaag					495

<210> 129
 <211> 539
 <212> DNA
 <213> Mus musculus

<400> 129						
gactgaggtg	gggtctttcc	ggccgacggc	ggccccgcag	agcccaagat	catgaaggtc	60
acggtgaaga	cgctaaaaga	gaaggaggag	tttgccgtgc	ccgagaacag	ctcgggtccag	120
cagttcaaag	aggaaatctc	taaacgtttc	aaatctcata	ttgaccaact	tgtgttgata	180
tttgctggaa	aaattttaaa	agatcaagat	actctgagtc	agcatgggat	tcatgatgga	240
cttacggttc	accttgcat	caaaacacag	aacaggccgc	aagataattc	agctcagcaa	300
acaaatgccc	ctggaagcac	tgtgaccagc	tcaccagctc	ccgatagcaa	ccccacgctc	360
tggttctgct	gctaacagct	cctttggcgt	aggcggactt	ggaggacttg	caggctcttag	420
cagcttgggt	ttaaaccacca	ccaacttctc	tgaactccag	agccaaatgc	agcggcaact	480
tttgtctaac	cctgaaatga	tgggtccagat	catggaaaaa	ccctttgtcc	cagagcatg	539

<210> 130
 <211> 516
 <212> DNA
 <213> Mus musculus

<400> 130						
tccctaagga	ggaggcgctc	aggcggaggc	ctcttgtcag	cagaaccaga	gatggcatca	60
gtagatttca	agacctatgt	ggaccaggcc	tgcagagctg	cagaggaatt	tgtcaatgtc	120
tattacaccg	actatggata	agcggcgctc	gctgctgtcc	cgcctgtaca	tgggcacagc	180
cacttttagta	tggaatggaa	atgctgtttc	aggacaagaa	tccttgagtg	agttttttga	240
gatgttgccct	tccagttagt	tccaaatcag	cgtggtagac	tgccagcctg	tccatgatga	300

cgctacacca agccagacca ccgtgcttgt ggtcatctgt ggaacagtga agtttgaagg	360
caacaaacag cgggacttca accagaactt catcttgact gctcaggcgt caccagtaa	420
cacggtgtgg aagatagcaa gtgactgctt cgggttccag gactgggcca gctagtggg	480
gtgaccgagg catcttaact taagcccagc tctgca	516

<210> 131
 <211> 270
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(270)
 <223> n = A,T,C or G

<400> 131	
aaggccaggt tggtacgca cccctatggc aaagggngga acctgatgca naacatcatg	60
gacaacatgc ctatctacat gtactcgng tgcaacgngg tatccggcag accaggacaa	120
ctggnctcgc accaactggg tgtaccggga ggaggcnag ccgcattctt attgagctca	180
agttcacggt gcganantgt aacagcttcc cggggggggc cagntcctgc aanagacct	240
taaacctcta ctatggagga gtcagatgtg	270

<210> 132
 <211> 243
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(243)
 <223> n = A,T,C or G

<400> 132	
cagagctgac tgctctgang acaggagctn ngcctgattn cacnntccat tgtctgatgt	60
ntcaganant atnccagcgc ccggagatgt ancggtcctg cncctctgtgc nttnttatan	120
aagaaagacg ancttattct ttcctgnagg ctgaacanta ccgcgtgagg atccattttc	180
agganntccg ggaaagagac gaacttgnac acanacttat gnccgatcac tttcttgatg	240
atg	243

<210> 133
 <211> 473
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(473)
 <223> n = A,T,C or G

<400> 133	
gctaggatcc cacacagact ggctcacatt aaatgtanga ggacngatac ttcacaacaa	60
caaggagcac tttagtgant aaagagcctg acagtatgct ggcgcacatg ttcaaggaca	120
aagggtgntg gggaaataag caagatcata gaggagcatt cttaattgac cgaagtcttg	180
agtactttga acctattttg aactacttac gtcattggaca gctcattgta aatgatggca	240
ttaacttatt gggttaagtat ttcacaggca tgggagtact gtaagtatgg cagtgtaggt	300
atcaggatgg ataggtagtc tttctggctg agtatctttg cttatatgtt tctttagccc	360

acaaattttt tatttggatt ctaagnagat ttaagttcta tcacagggga ctttnatagg	420
ttggtattgt ttctttggat taaatgactg gttcttcact ttaaaaaaaaa aaa	473

<210> 134
 <211> 370
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(370)
 <223> n = A,T,C or G

<400> 134	
aggaacaccg catcccttgg gaactgacgn tataggaaac tgtgaacacc tgcagtgagg	60
gctgagaacc aaactggngc tcnctagaaa agcagccaag tgagagtaat gaccaagcat	120
tctctccagc ctggtacttg cttttaaatg gaggtaactt ttgnntccgt gtggctcctt	180
actatttaga acttaancaa agaaggcaca gaatctcaca aaatatttat tgatttggtc	240
ttggctcatt tttttttaag ccaaaaatca gattttataa acatggaaaa tatattcaaa	300
atgttttcca ctaacatgga agatgggaac cattgcttta ataaataagt gtaacactag	360
aaaaaaaaaa	370

<210> 135
 <211> 508
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(508)
 <223> n = A,T,C or G

<400> 135	
ctccgtacct gcctctggat tncccaggca ctgaccactt tgtcatcatt gctcagctga	60
aggaagaggt ggccactctg aagaagatgc tgcatacagaa ggatcaaatg atcctagaga	120
aagagaagaa gntctcgncn ntagaccogt ttgcnngtca gaggctnnca gtntgagacn	180
cctggccnaa tggngcnnga tgntnactnn ctggtaggag ntnnccatng cactgaangc	240
naaataaccnc tngcttcnna aacaggcagc tgccttgtcc aagagcaaga agtctgagaa	300
gtcaggcacc ataacgtctc cgtgaagacg tgaggaggct cccagcacca agccogtgct	360
cccggntcag ggctgctgag ctggctggtc tctgggaagt gtgcttccta caaaatctct	420
atattttctt accttaccct ctttgnctcg atgcaggggc tgaaaggaac tcctggtctg	480
ngccctgntn tggtgcatg ctgagcgg	508

<210> 136
 <211> 341
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(341)
 <223> n = A,T,C or G

<400> 136	
gactgagcgg ccttttnaga gagtatgaag agagtgcgtc tgtagggcag ggaagatggc	60
ggacaagcgc aaactccaag gtgagattga tcgctgcctc aagaagggtgt cccgaagggg	120

tgagagcagtt tgaagatatt tggcaaaagc tccacaatgc agccaacgcg aaccagaaag	180
aaaagtatga ggctgacctt aagaaggaga ttaagaagct acaacggctg agggaccaga	240
tcaagacatg ggtagcatca aatgagatca aggacaaaag gcagcttatt gaaaaccgca	300
agctcattga gacgcaaafg gaacgggttc aaaaaaaaaa a	341

<210> 137
 <211> 528
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(528)
 <223> n = A,T,C or G

<400> 137	
tgagatacca tgatggcccc ctttgcattt ctggcatctg gcatcctctt gttgctatca	60
ctgatatgctt ccagtaaggc ctgtagctgt gccccacccc acccacagac agcctttctgc	120
aactcggacc tggtcataag ggctaaattc atgggttccc cagaaatcaa cgagaccacc	180
ttatnccagc gttataagat caagacgact aagatgctaa naggattcaa ggctgnggga	240
aatgccgcag atatccggna cgcctacacc ccagtcattg aaagcctntg tggatatgcc	300
cacaagtccc agaaccgcag agaagagttt ctcatcacgg ngccgcctaa ggaacggaaa	360
tttgacatc agtgcttgc gcttcttggg tccctggcgt actntgagcc ctggctcaag	420
naaagaagct ttctcaaaga cctatagtgc tnggctgtgg ngtgggcaca gtgtttccct	480
gtttatctat cccttgcaaa cnggnagaag ngacactcac tgtttttg	528

<210> 138
 <211> 181
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(181)
 <223> n = A,T,C or G

<400> 138	
cacaccagct cctgtggacc cagacaccgn ngagggtgcta ntgacctttg aacctgatcc	60
cgatgatctc gccctgtcaa gcattccagg ccatgagact ttgaccctc ggagacaccg	120
cttctcagag gaggaactga ttgcctcaac caatcataga ntaaggcaag gaatgtccag	180
g	181

<210> 139
 <211> 530
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(530)
 <223> n = A,T,C or G

<400> 139	
gactgagttc cggttcctag caaatttact agncgagtat caggctgggn anntangtta	60
ngccctgctg ntnaagannn ngatnaccat ccgagggtgg tatcntgccc atactgnatg	120
anctaagntg ccgagatnca ccaactatgt atanatatn annctatat atactcatag	180

acacacacca cncnctctcn acanctnnnt nccatgttng anntgntgtg ncgtttnnnc	240
cgngcgtgtn attgaccang gcgacgacgg ggaccncttt tatgtcatag aacggggaac	300
ctatgaentt ttagtaaege aagataatca ancacgttct gttgggtcagt atcgacaacc	360
gtggcagntt tggagaacta gctctgatgt acaatacccc gagagctgct accatcatcg	420
ccacctcaga nggctccctt tggggattgg accgggtgac ttttanaaca ntcatagtga	480
aaaacaatgc aagaagagga agatgnttng aatcatttat tgaggtctgg	530

<210> 140
 <211> 437
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(437)
 <223> n = A,T,C or G

<400> 140	
ccagatggag acgtgagccc ttggtgctac gtggccgagc atgaggacgg agtctactgg	60
aagtactgtg aaattcctgc ctgccagatg cctggaaacc ttggntgnta caaggatcat	120
ggaaaccac ctctctcac gggcaccagt aaaacctcta acaagctcac catacaaacc	180
tgtatcagct tctggcgag tcanagattc aagtttgctg ggatggagtc aggctatgcc	240
tgcttctgtg ggaacaatcc tgactactgg aagcacgng aggcgccag caccgagtgc	300
aatagtgtct gcttcgggga ccacacgcag cctgcggtg gggacggnag gattatcctc	360
tttgacagtt cctgctctgn ttaagatact gtctgnactn ccttcaaaaa tgaacggnna	420
tatggaactg taaacca	437

<210> 141
 <211> 450
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(450)
 <223> n = A,T,C or G

<400> 141	
gactgaggac ggagatgcta tgnttggagg tatgcttngg tggccccac cgggtgntcnt	60
naccaagctt aangntgacn gtctangcac cggaggntna cancnngttn nntcagacan	120
ctncgtgat agnccagaag gcnccagact ctnattctga tgtactggaa nttnaggana	180
tcctgatgaa gtcactctta gctcactnag gaagcgctaa atcangattg ctncntant	240
atttgtagaa ntgtgcntgt ncttaaangn naggggcttt ttgacatgaa ctggagaant	300
gtaatggaaa gtnccttaga agaggnactc cacgcgaagt ttactttcna cctnaaggtc	360
tccattntcc tggacttaac cagaggctca agaggttaga agaactctcg cactatnctg	420
ctcccactcc tgaagagggt tccagagcgc	450

<210> 142
 <211> 121
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(121)
 <223> n = A,T,C or G

<400> 142
ctagcgccaa ttacatcaag aagatattnac acagcgnggg tatcgaggcg gacgangacc 60
ggctcancaa gggtatcann gagctgaatg gaaaaaacat tgaagacgtc attgccagg 120
g 121

<210> 143
<211> 528
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(528)
<223> n = A,T,C or G

<400> 143
ctgagctcca gccaggccc agtntgtgca tgcggggcag gcctgtgtgg tgaaggagga 60
taacatcagc gagcgggtct acaccatccg ggagagcgac accctggtgc tgcagtgcct 120
ggtcacggga caccctcggc cccagggtcg gtggaccaa actgccggca gcgcacgga 180
caagttccag gagacgtcgg tcttcaatga gactctgcgg atcgagcgca tcgcacgcac 240
gcaggagggt cgctactact gcaaggcgga gaacggagtg ggcgtgccgg ccatcaagtc 300
tatccgcgtg gacgtgcagt gtgagttatg gtctctcgag gttctggacc ctgacgggac 360
gggcccttcc agggctccgg acccctcagg gatgagaaag ggagatagga tggagcagtg 420
gcaaggtagt gaagggtcgg aaagacctct ctggaaatgg tcagctgtgt gttgcccttc 480
cgccctgtat ctccctaaac catttctgca ttttccatgt cctctcga 528

<210> 144
<211> 373
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(373)
<223> n = A,T,C or G

<400> 144
gtgaggtgtg aatgaggcag gatgaactgg acaggtctat acaccttgct cagtggcgtg 60
aatcggcact ctacagccat tggccgagta tggctgtctg tcattcttcat cttcagaatc 120
atggtgctgg tgggtggctgc tgagagcgtg tggggggatg agaagtcctc tttcatctgt 180
aacaccctcc agccgggctg caacagcgtc tgctatgacc attttttncc catctcccac 240
gtgcgcctat ggtccctgca gcttatcttg gtttccaccc cagctctcct cgtggcaatg 300
cacngtagct naccaacagn acatagaaaa gaaaatgctn cggcttgagg ggcattggga 360
cccccttcac ctg 373

<210> 145
<211> 426
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(426)
<223> n = A,T,C or G

<400> 145

actggaagac	tcagtcctag	gcccgtggg	aaagtggcat	tgtttctgca	gcctgggcag	60
acaggaacgc	agccgtcagg	tgttgggcac	ggcaccagtc	cctgtgttca	tggaaccgaga	120
gaagctggta	cagatgaggc	cgtgccggca	acaggattgc	tcattcttgca	gcctgaagga	180
ctgcaactag	aggccctgag	cagaggtgan	caacanacgg	gncatggnaa	tgctagnacag	240
aactggctga	cagatctagn	gcaggactt	aacatgaggg	cgcgccctt	taatcccagc	300
acttgggagg	cagagacagn	cagatctctg	gggttcnagg	gccgcttgat	ctacanaatg	360
agttcccaga	agntccagga	gcggccnagg	attnacagat	aaaccctgtc	ttgaaaaata	420
aaaaca						426

<210> 146

<211> 186

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(186)

<223> n = A,T,C or G

<400> 146

ctcacgtccc	tcaagctcct	ctccccgaaa	ggccccccagc	ctccgtgcaa	gcattcttaa	60
actctttacg	cctaacngaa	caagcacagt	tttttcaacg	gtgaagaaaa	agcaccagac	120
ttgttttcc	gaagaaatcc	cccaagccgc	caaccccgtc	tgtgggacaa	acattcccca	180
gcgtgg						186

<210> 147

<211> 185

<212> DNA

<213> Mus musculus

<400> 147

tgagggtgacc	ccatctctgg	tgttcgccgt	gactgttgcc	acgatcggct	ctttccagtt	60
tggctacaac	actggagtca	tcaatgtgcc	gagtatggca	ggtaactatt	ggtacccgct	120
aaaagtttta	tgacaaagtc	ttagaaataa	actggctttc	tgaaactggc	ttctaaaaaa	180
aaaaa						185

<210> 148

<211> 486

<212> DNA

<213> Mus musculus

<400> 148

cggactctgg	gtatttttcc	gtgctgctgg	atgtgaagca	cttcttgcca	gaggaaatct	60
ctgtcaagg	ggttgacgac	catgtggagg	tccatgctcg	gcacgaggag	cgcccggatg	120
aacacggatt	cattgctcga	gagttccacc	gccgataccg	cctgcctcct	ggtgtggacc	180
ctgctgctgt	gacctcagca	ctgtctcctg	aggggtgtcct	gtccatccag	gccacaccag	240
cgtcgcccca	ggcccaactt	ccgtcaccac	ctgctgccaa	gtaggggtcc	cagctgcaca	300
ggaccgaacc	caggaagcct	ctttaggctc	tcttttaaaa	gccgatctga	ctccactgcc	360
cagccagatg	tcccaattcg	ccgtcaagac	agcctttccc	aaccacacct	agatgtcctt	420
cggagacctt	tccacccta	agcctacctg	agccctagta	acctagacag	cctccctaag	480
ccctct						486

<210> 149

<211> 255

<212> DNA

<213> Mus musculus

<400> 149
 tgaggatccg gaaaggggga gtggcttccg gcatgaagca cgtagaaaca aactcctgtg 60
 atgtccagcg actgttgacac gtcaagggca agaggaatgt gctggctgga gaggtggaaa 120
 tgccttgaa gagtttcaac agaggggatg tcttctgtg ggaccttggg aagcttatta 180
 tccagtggaa tgggccagag agtaaccgca tggagagact tcgggtaacc ccatcagggc 240
 acctcatttc tgcaa 255

<210> 150
 <211> 541
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(541)
 <223> n = A,T,C or G

<400> 150
 actgagtga aggtaaagag caagagaaga cottagatgt caagtccact aaagcttcag 60
 tagccgnaca ttccccacaa aaaagcacta aaaatcatgc cttgctggag gctgcaggac 120
 caagtcattgt ngcgatcaat gccatttctg ccaacatgga ctcttttca agnagcagga 180
 cagcaacgct taagaaacag ccaagccaca tggaggctgn tcattttgga gacctaggca 240
 gatcctgtct ggactatcag actcaagaga ccaaaccag nctttcaaag acccttgaac 300
 aagtcttgcg tgacactgtt gtccctccat atttcttca gtttatggaa ctccggagaa 360
 tggagcaact ggtgaaattt tggtagagg ctgaaagntt tcaactctaca acgtgggtccc 420
 gaataagagc acacagtcta aacacagtga aacagagttc actggctgag cctgtctctc 480
 catctaaaag acatgagact ccagcatctt ctgtaactga ggctnttgac aggagggttg 540
 g 541

<210> 151
 <211> 550
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(550)
 <223> n = A,T,C or G

<400> 151
 acgaggagga agagatanng accaggactc tgctgaggaa ggcaactgcn naaagnncnn 60
 ganaccgagg ncgacncang ancgntngca ggcttgagan tggggnancc tcctgcagga 120
 cattcgacct ccatgcttga taagtattgg cctcttcttg accgggctcn tgcttcccaa 180
 gtgtgccgna atngaatca gnagcancag aancnnatga agctgctngt gacatactgt 240
 nancnacttg agaattgtgct ctttagaaac gctgggannt atctcgntctg cccggccaag 300
 ctttatggat ntaccaaagt cttncnata aaatatttct actagaacta ccatttgcta 360
 agtgatgagt tgtagctcg cactgtcttc tgaaaagcat gttccgctta gaacattttg 420
 cgcattgatg ttgtcagnga gaaccccgga nacaagacac actttccaca ctatncagaa 480
 gagcagctgg gatgccttta atnaaaacac ttnaccctaa aagtcaacct aagtgatgta 540
 ttttttattt 550

<210> 152
 <211> 222
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(222)
 <223> n = A,T,C or G

<400> 152
 gactgagttt atgcaggctc ttggngaagc tgggtgctgct gctgctgtgt gattaccgcg 60
 gacagacctt gngaccgagg ccngcgctgg cagctggana tggcggacac accgtcagtg 120
 tatgaaacca gatttgaggc ggccgtnaan gtgatncaga gtttgccgaa naatggtatg 180
 tgcagtgggc tctaggtaaa agaccttttc cagctaaaaa aa 222

<210> 153
 <211> 483
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(483)
 <223> n = A,T,C or G

<400> 153
 cggctcactt tcttccntng gccatcaanc tanggaggtc ctgnnggcna gcnatngnnc 60
 atgacatatg ctnnnccgnt ngngntttng antgnncgng tntggtactt gaactngana 120
 nnttcngcc tctncaatgt taanagancc accatcccng aaacattagg tnccttgatg 180
 atactccatc ctgtatttgt tttgaaantg tacactgggtg tgagatccct tggaaactgga 240
 gttacagaca attgtgagct accatgtggg tgctgggaat tgaaccacag tcctgtggaa 300
 gagtagacng tgctcttaac cactgagcca tcgctcnggc acctgtgtgt ctggtcttaa 360
 acttgaacag gctgccttgg aaactcgcga tgctatggtc tgggggttaa ggtatatgcc 420
 tcagcctact ctctgaattt ttatttttac tttatttggg ttctcttttg tagttctgtc 480
 tcc 483

<210> 154
 <211> 414
 <212> DNA
 <213> Mus musculus

<400> 154
 aactgaggtg agaggcgggtg gccgaagccc gagcccttgc gggagggcgg attggagcgg 60
 cgctgagcac ggcgggcaca ggcccggatg atgaggtaca ccacctccgc caggttgagg 120
 ataatgcaga tgccggagggc tgcgagcata aagacagtga agacggtttt ctcggtgggg 180
 cggggacacc gaagcagtcct actgtgttgg ggcaggggaa ggcttcacac ttgaccagcc 240
 gcaccatggc atagccgggg tagagcagat agaagacata catgaagaca gcctcgaaca 300
 gcagccggaa caccacactg atgacatagg tccaccacag tgcacctgag atgtgcacct 360
 tgtgtctctt tacctcttcc aggtgaaggg ggtcccatg cccctcaagc cgta 414

<210> 155
 <211> 479
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(479)
 <223> n = A,T,C or G

```

<400> 155
actgagggcc gtccggcgcg ccaccactct gccaggtct ccaactaggg gagcggagaa      60
ttttcaccaa cggagccgaa cgctgacgac taccgggaac aagcgaaacc ggcacgtca      120
tctcccgca ttagttccca gtagggaact attttccggt acactctagg cgtccaact      180
cttttcanaa gagcttccgg tttccacca cctacttccg ctgtcccccac ctcttttctt      240
ccggcaccgg gatatgagcc gttctcgca gaaccgtccc tctttctaag ccggcgatcc      300
gtcaggggtga agccatgttc agctccgagc gccaaagatcg tgaagcccaa tggcgagaag      360
ccnggacgag ttcgagtctg gcactctctna ggcgctgctc gagctggaga tgaactccga      420
tctcaaggcg cagctgcgtg aactcaacat caccgcanc c aagggaatc gaagtttg      479

```

```

<210> 156
<211> 293
<212> DNA
<213> Mus musculus

```

```

<220>
<221> misc_feature
<222> (1)...(293)
<223> n = A,T,C or G

```

```

<400> 156
gaactgagga gttcccttcc ccaagaactt ccagcaggtc tgcaccaaga tctgacccg      60
actcttccga gtctttgtcc atgtctacat ccaccacttt gacagcatcc tcagcatggg      120
ggcggaggca catgtcaaca cctgctataa gcacttttac tacttcatcc aggagttcag      180
cctggtggac cagagggaac tggagccact gagggagatg acagaangga tctnnnactg      240
agngcngatc tngatgctgg tgctgtcan atggaccatc tgcagacagt gta          293

```

```

<210> 157
<211> 226
<212> DNA
<213> Mus musculus

```

```

<220>
<221> misc_feature
<222> (1)...(226)
<223> n = A,T,C or G

```

```

<400> 157
gactgaggca tcagtttcaa actggaagaa aaaacggccc acagcagcct ggcactcttc      60
agaggcgaca cgggtgtcaa anangnatn gnanngactg ganccaccn ctgtggccct      120
gaatttgag cgcttccggg agtgggcagt ggtgctctgg agacaccaca ntnaccagt      180
gcagacacta cttgggaggt aacatgtgaa gcccatccca gcattt          226

```

```

<210> 158
<211> 234
<212> DNA
<213> Mus musculus

```

```

<220>
<221> misc_feature
<222> (1)...(234)
<223> n = A,T,C or G

```

```

<400> 158
aactgaggtg cagtgagcct gccactcgcc ctcaactcgtg gcataccacc aaatttgggg      60
agacacagcc tgatgtcagc atgatgcaga tatctcaggg cacaatgggc cctccntggc      120

```


accagagcta ccattccagc ttttcgacca gtgacctctc caactacgac catgcttata 180
tgaggcggag ccctgaccag tgcagctccc aggggagcat ggaaagaaaa aaaa 234

<210> 159
<211> 275
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(275)
<223> n = A,T,C or G

<400> 159
gatcaacaag aaatgttatg aaatggcctc tcacctgcgg cgttcccagt actgacctca 60
tctgtccctt cccccaccg ttccttttgg cttttgcacc cccttctttc catacacaca 120
cataccatta ttttttgggc cattacocca tttcccttat tgctgcaaaa accacatggg 180
ctgggggctg gggctggatg gacagacacc tccccctacc cataccccct cctgtgtgtg 240
tttgaaaaat ttttgnthttt gggtttcatt ttttg 275

<210> 160
<211> 235
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(235)
<223> n = A,T,C or G

<400> 160
gaactgagga ccctgcagga atcttttgagc tgggtggaggt gggtggcaat ggaacctatg 60
gacaggtata caagggggcgg cacgtcacga ctggncanct ggctgccatt nnngtcatgg 120
atgtcacaga ngatgaggag gaagagatca cncnggnaan caccatgttn aagangnact 180
ctnaccatcg ncantattag ccacctacta tggngccttt atctagacga gccct 235

<210> 161
<211> 514
<212> DNA
<213> Mus musculus

<400> 161
aactgagtga tcagagccaa agcagtgagc gagaggaggt ggattccggg aatgacatct 60
atggcaaccc catcaagagg attcagtatg agatcaagca gataaagatg ttcaaaggac 120
ctgacaaaga catcgagttt atctacacgg cccctcttcc agcagtgtgc ggggtctcgc 180
tggacgttgg aggaaagaag gagtatctaa ttgcaggaaa ggcagaagga gatggcaaga 240
tgcacattac cctctgtgac ttcattgtgc cctgggacac gcttagcatc acccagaaga 300
agagcctgaa ccacaggtac cagatgggct gtgagtgcaa gatcactcgc tgtcccatga 360
tcccttgcta catctcctcc ccggatgagt gcctctggat ggactgggtc acagagaaga 420
gcatcaatgg gcaccaggcc aagttcttcg cctgcatcaa gagaagtgat ggttcttgcg 480
cgtggtaccg cggggcggca ccccccaagc aaga 514

<210> 162
<211> 502
<212> DNA
<213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(502)
 <223> n = A,T,C or G

<400> 162
 ctgagccttt ctgaaggcg ctgagtgaca agcagagaga ggaacattac ttctgcaagg 60
 atttcattaa gctgaagaag atccccacgt ggaaggagac agcaaaaggg ctggctgtga 120
 aggtggagga cccaagtat aagaaggaca agcaacttga atgatgaaaa tctccctgta 180
 ccgtggggac atcaccaagc tggaggtgga tgccattgtc aacgctgcca acannttcct 240
 ggngggaggc ggaggggtag gacggctgna ttcattcaggc ccgcgggatc cctgctcacg 300
 gacgaatgcc cgcaccctac agaaactgcn aagaccggc aaagtccaag atcactttgc 360
 gggctattcg gcttgnacgn gcaagtntgt nattccnnca cgggtggggn gcccatccgc 420
 cgtngggccc aaccnctng nncaagncaa gggcnggnca gagctncccg nagcttgctt 480
 actttgaggc aagcgcttgg ac 502

<210> 163
 <211> 479
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(479)
 <223> n = A,T,C or G

<400> 163
 gaactgagga gtctcnattt atggatcgta agctgngnaa nncacatgn ataacatccc 60
 ntcagtacag tggacaggga ctgctnnnaa gccacancta ccnataaggc ngcatatngc 120
 taccgagccn tagnagttct ccggtagctt tgtganaggc acatgaagca tcttcatctg 180
 tggcgaggag agtaggagtg atctacagag tgaanaaagt cactcggtgc taggcgctgg 240
 naagtngggn nggtggaaagg ctctgggtca cagcacgtgc atcctgggca ctggaggcag 300
 ctgtgcttca tgtggtatcc cagcctttca agtgtgacag aagcctcatg acaagagggtg 360
 ccacagctga ctgctaagcc cagaggctga gaaactatgc ttcctaaaac ccagagctca 420
 tgcgaggaat tnantttcca ctcacagaa aacaagtata aatagtggca caactactg 479

<210> 164
 <211> 405
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(405)
 <223> n = A,T,C or G

<400> 164
 gaactgaggc ggattcgaaa gcttcagcag ctcccctatg gcggagcagg cggctacacg 60
 cagtcccccg gtggcttcgg gtcgcccaca ccgtcgcagg cggagaagaa atcgagagtc 120
 cgagcccagc atattgtgcc ctgtaccata tcccagctgc tttctgctac tctgactgat 180
 gaagtgttca gaattggaga tgtcgagatt tcacaggcca ctattgtggg gataatcaga 240
 cntgcgagga aggtccaac caacattgtt tacaagatag acgatatgac agtccgccc 300
 atggatgttc gtcagngggt tgacacggat gatgccagtg gtgagaacgc cgtggttcct 360
 ccgaaacat acgtgaaagt cgctgggtcac ctccaggtctt tccag 405

<210> 165

<211> 411
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(411)
<223> n = A,T,C or G

<400> 165
tctaagtatg atgctcttca gtatgtntga agaattaatt ttgcnnttac tanntatgct 60
atgccaagct cagccccgga gtgcttcaga tgtggaggaa cngntcana nnagttttcc 120
tcatccaatt gatnaggggg caatagctga tgcccaatca gccnttgaaa agaggaagag 180
acanaaatcc tttatcgctg ccagcngaaa gaattcatca tttattaagg gaggtcctcg 240
gttataaaat tgaccaccag gnttctgntt acatagtagc agtattagaa tacatttctg 300
cagatatttt aaagctcgctg gggaattatg taagaaatat acggcattat gaaattacaa 360
aacaagacat taaagtggca atggngtgct gataagggat tgatggatat g 411

<210> 166
<211> 396
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(396)
<223> n = A,T,C or G

<400> 166
catcttggca cacagcaatc ttaanccac tgaatggatg ggaacagctg gcanagcggt 60
tctaggacct ccacctntgn tnggcancac ctctcttctg cctctctcca agttcatgaa 120
cacccangta ttttggaact attggttngg gaacgcctcc tcagaatttc accngagtc 180
tttgacacgg gttcttccaa ctgtgtgggt ctgtccaggg gngggacntt tcttcagttt 240
ggcatgctgg tttcaccatc cgctttaatc ccaaggccnc caacntcttn aggcccaatg 300
gggaccaagt ttgccattca gtatgggacc ngggcggnntn gaagcggaat cctganccca 360
gggcaatctt gactatcggg agggagtcca cagatg 396

<210> 167
<211> 509
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(509)
<223> n = A,T,C or G

<400> 167
cattagcaga ggggactnca tgtatntctg tnataccngc ccgtcanaca tgagaatgac 60
ngctggtggn nctcaaagnc agacacttgn cnaagatgga tatcaacnagg tctntcaggt 120
nntccttatn tcaaggagaa cgtctactac tggcagaaaa ctgcattgcc aagaagaaaa 180
cccatgtaaa gaagtgcact ttgaaccccg tcttcaatga gntgttcatg ggnggaggtc 240
cccaccgacc ttctgcctga tatcagcatc gagttccttg tcattgaact cgatcgact 300
actaagaatg aggtggtagg gaggtgatc ttgggggcac acagtgtcac aaccagtggg 360
gcggaacact tggagagagg tctgogagag tccccgcaa gcccatagcc aagnggcaca 420
gnctgagcga gtactaaccg tggggccagg nggggagcgn catggngggg agaggtgaca 480

<210> 168
<211> 504
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(504)
<223> n = A,T,C or G

<400> 168
actgagctgt ttgaagccct atgcaaagct cacgggtaat gaccacttg gagaatggga 60
aagctttata aagtgggtag aagagaattt tcctgacaat aaagaatact tgatgacatt 120
atnaaaaaaca ttnanngagg ggnnttttta cctaagaaga actaccacaa tgattcaaga 180
ttcatcaatt attgcttaaa atttgctgag tacaacagcg accgtcatca gtttttngag 240
tttctgtaca accaggggaat tggaaccaag tcatcatata tatacatgtc ctgggcaggg 300
catctggaag cccaggggaga gctgcagcat gccagtgtc tttttcagac aggaattcac 360
aatggaggct gaacctanag aactactaca gcaacaatac aggtattcc aagcacgcct 420
tactgggaat ccatttgcca gctcaagcta caaccctcag aacctttgca tagtgcacag 480
attttaaaacc aaggttatga tgac 504

<210> 169
<211> 307
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(307)
<223> n = A,T,C or G

<400> 169
gactgaggaa gttotccagc agctgatcgt aatgaatttg cccaatgtct tnatgatngg 60
aaagaccogn tnnctgggaa gagnanggag gncattacaa nancntngnt gttcangcnt 120
cctntgccac ctccggggac ggactctatg aggggctcac atgggtaacc tctaactaca 180
aatcctaata agcgtcctcc acccagcccc cggaaggaga gaaatncana acccangggg 240
gaggattatc gccacctcca tcacctcttt gaattgccac tctctttttt gaatctgaac 300
tctggag 307

<210> 170
<211> 222
<212> DNA
<213> Mus musculus

<400> 170
agcacatagc cacagcactg aacctgacag aggtccaggg cccaccctca tgtgccagag 60
taggtcaatg ctcccctgca gccttgctac gtccctaagaa ttttccagtt cctgatgtga 120
ctccagacta catctctaca ttaggacca gcagcctgca gtaacagtgg gacagcaggc 180
cttggcaaca gatgttttcc gattttctga acctactggc cc 222

<210> 171
<211> 298
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(298)
<223> n = A,T,C or G

<400> 171
aattattgtt gaggcgggtcc aggacctnac gcagctttgt tgnntagacc ggngggccana 60
acctggctgt acttcccatc cttcacatcc ttctgtctgt ncaagaacca gtctgggatc 120
ttgtactgtc gtgggtttctg catgatggtg atcaactcgt ccacctcatc cttgcgtgag 180
ttctccagcc ctcttgggtga ggtcgatgtc tgccttcctc aacaccacat gagcataatnt 240
ccgccccacg cccttaatgg cagngatggn gaaggctatt ttccgccgcc catcgatg 298

<210> 172
<211> 394
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(394)
<223> n = A,T,C or G

<400> 172
gaactgaggg ctgtctctag acctggggga cgcaccccag ttccaacacc tgctgtcctg 60
ggtggatgat gaaccagtct cagagaatgg caccogtggg ctctgacaag gaactgagtg 120
acctcctgga cttcagcatg atgttcccag tnnccaagcn caaangttaa cttcctctcc 180
ngttaaccca gaactgggaa acaaagcagc atgtctcctt ttcaaaaagg aaagaatnnt 240
ttnttangnn tgtaagacgg aagagncgga ccgtgccctg gcagggcggc ctgggactgg 300
cttctacttc agagccacca gcacatngtg cctaagcatt tttcgttttt tttaaaggag 360
aataanggaa cattagnttt cagaaaaaga aaaa 394

<210> 173
<211> 134
<212> DNA
<213> Mus musculus

<400> 173
aactgaggac tgggtggaacg aggtggtgtc atgattgagc cgctcccca a ggaagtgaag 60
gtttatctcc tgactacatc cagtgcctccg tactgtgtgc accacagcct tgtggagtgt 120
tatttgaagg agaa 134

<210> 174
<211> 480
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(480)
<223> n = A,T,C or G

<400> 174
gctgcgtccg gctgaggtct ggacatccag gcangetctg ccggacttgt nccagaaaat 60
gctagtact ganctggaat acgctttaga caagaaagta gancaggatc tctggaatca 120
tgcctttang aatcagatca caacactgca aggccaaagcc aagaatctga gcaaaccan 180
atcagaattn nagtccaggc aaacctttct ctgttcttag aggcagntag cggcttctat 240

actcagnnac atcctggtgn gatctacaaa ttgaatcccg ngntcatgga actttttant	300
agcgtgatat cttgcnacaa attggctatt tcaggcttgg agagaanggc ttaacnttnn	360
agagcactan aactctatat agcaactctc aaagggccta tanntccccc ttcccagaga	420
atntgatgcn ctngttactg actaacannng gggcttgnc aaccacttgg gagttggtgt	480

<210> 175
 <211> 433
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(433)
 <223> n = A,T,C or G

<400> 175	
aactgagatt tgagaaaaat gggtagtgat gttggaaaac agagatcaga tccagaagaa	60
accctcgccc tggagattag acatngactt cgcagcagca gaacaaggaa ccgggacaca	120
gagctgggtc ccaggttcat cgggtcccctg acccggaaca gcagcgggtt tctgactac	180
gctggcagcc cactgcttag caacagcggc cactggggc cttgaggaaa cnccttcgca	240
aagggtttctg tttggagaca ggcccttttg gtgggtgcat gaatctgggt actccacca	300
nactccaatc cagattcacc anttcccttc ttcttgagag actggtccag gcagccctc	360
cggccactgc atgatcacag gcgcagctct ttggcctgna atgacngcca tttcttctca	420
ggtggcttct cgg	433

<210> 176
 <211> 412
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(412)
 <223> n = A,T,C or G

<400> 176	
gaactgagcg tggacaacaa tagagaacta caactcccaa aaaagactgc gctcgccact	60
ggctcagaaa ccaatggccg nctggcacgn gatcggttgg tctaatacagc gactgggttg	120
gtaggctttg tctaagacct ggggcgcccg cctatctccc gccccggcc gcgcgaacgc	180
gagccccgcc ctgcgcgct tccctcctgc gctcgccggc ctctcctgcc tcttagaacc	240
ttcctgcggt cgtgcttgca tctcgctgct gcagcctccc gggctccggt ccatectttc	300
agtctgagac cggcccagaa gaaaaaaacc ccaaaaacct taattttntt tnttggtcgg	360
tacctacatt ggaacatca aaaacaatta tttcagtaaa ccgtagccat ga	412

<210> 177
 <211> 335
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(335)
 <223> n = A,T,C or G

<400> 177	
agacagacgg ttggaaaaaa actgaagatc acacaaaaag agagcaggaa atccaaatct	60

cccccccttc ccactgtgat tgncatgttg acaagggtg tcccaagtca atagaaagg	120
aaaggggtgg gactagggga ggattagggg agcctaccaa ggactcanag tagaagggtca	180
gacagtgccca cttggccact tggggtaaag ccagtgccag caataacagn ttatcatgct	240
cattaatttg ggatttcaaa ccacaaatga gaacttcccc acccacccca agtgcattgtc	300
gccatcactt aaaagtcca ttgaaaataa aaaaa	335

<210> 178
 <211> 178
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(178)
 <223> n = A,T,C or G

<400> 178	
gactgagatg gactgctgaa ttatgaagta tticagaccc agtcttagat catcactccg	60
ccactctctc ctttattgcc tactagatat ttaaantgga cttttaatat cctaccagct	120
gctnttnga cacnaanggc gcattgntgc canaccangg caataagcgt ttttgaga	178

<210> 179
 <211> 384
 <212> DNA
 <213> Mus musculus

<400> 179	
gactgaggta aaaggatgcc cgaaggaagt aaaaaaatta aagaggcctc tgaaagccag	60
aacttggaga agaaggatct ggaaacaagc agttgtgtca gtataaagaa gaagcgtaga	120
cttgaggact tactcatagt gatatccgat agcgatggag aggaaacaaa agaggagaat	180
ggattgcaga aaacgaagac aaaacagtcg aacagatcaa agtgtttggc taaaagaaaa	240
gttgacaca tgtcagaaga agaacaattt gctttggctc tcaagatgag tgagcaggaa	300
gctagggagg tgaataacca ggaggagaaa gaagaggagc tcttgcgga agccattgct	360
gaaagcctga atgtaaatat gctg	384

<210> 180
 <211> 166
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(166)
 <223> n = A,T,C or G

<400> 180	
ggaagacatc atgctgtggn cattgacctg nccactgcc cggactgngc agctctacac	60
ggatcttinct taatgaanaa gagganganc tggcacaggc atgactacac acnaagtga	120
tgatggctcc aaacctgac aagctggaac tagggccttt aaaaaa	166

<210> 181
 <211> 244
 <212> DNA
 <213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(244)

<223> n = A,T,C or G

<400> 181

ttgacaagaa	cgtggacaga	ncaganaaat	actccaatgg	cagacatttc	acaaggcaat	60
ttgctcgaca	gcaggctgat	aaaaaagaag	agtgc aaaga	agacaaagtt	attccagtta	120
ttcgctcatt	gaggaataga	aacattgctc	caactgcaga	acatttgcac	gaacaaagtg	180
gagatgttga	agttccgaag	aagttgcagg	attagaagtc	gntacagnac	catgaaccag	240
tttg						244

<210> 182

<211> 496

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(496)

<223> n = A,T,C or G

<400> 182

ttttctgaga	cctggcanga	gcttttcttg	tagangccgg	nntnaanctc	ngcacctgta	60
ctccacggcc	tnctnnnnng	gnccnnttgt	nncanatatg	gataccgatg	cccagaaga	120
ggaggaggac	gaagctgaca	tggaagttgc	caaaatgcag	acccgaaggc	tgttggtaca	180
gtgggctgga	gcagacccca	gcattccagt	ttggggacct	tgagagctnn	ttnactgggt	240
ccatgatcaa	tggtctgggc	tcagcctcgg	aagaggacaa	catttccagt	ggcgctcca	300
gtgtcagttc	atccgatggc	tcctttttca	ctgacgctga	ttttgccag	gcagtgtctg	360
cagctgcgga	gtatgcgggc	ctgaaagtgg	ctcgccgcca	aatgcaagat	gctgctggcc	420
gccgccactt	ccatgcctct	cagtgcccaa	ggcccacgag	tcctgtgtcc	acagacagca	480
acattgagtg	ctgttg					496

<210> 183

<211> 330

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(330)

<223> n = A,T,C or G

<400> 183

gccaatcaac	tgaaacatga	cacacctgca	cagttggaaa	atggaggatg	aagaaccgat	60
tnngngtgtn	ccaccancat	gactggaggt	gtctactana	nagggagcct	gctacattta	120
ctccnagaaa	tttgttatan	accaagaata	caattctcaa	ttaagaaagc	caccaatttg	180
gggcccncca	catcctgact	acctacagta	taggnnttct	ctcttctttc	atttccctg	240
tccccatttt	ntttattgna	cataaagtan	ctgggtgtaa	tgngcncact	tnntagngct	300
ctcntctttc	ttttcctttt	ttaaactaaa				330

<210> 184

<211> 489

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(489)

<223> n = A,T,C or G

<400> 184
tctccaggac atgctacncc atntggctca gggcgnggta gagaaaaaag aatgncnaat 60
gagttggaaa gntatnttaa gccttnantg ctngnagacc cttgggctgg cctagaacca 120
gngtctgtag tggatataat gccaacagtn cagcaatacc gctaccattc acaggcaaca 180
aaaggaagat acttttctta atatttctga aattcaccng gaagcttcat gtgtcaggaa 240
catcctggac agaactttta cttgnntaaa aaanntgnac ccaaggatga tgactttgaa 300
taatgantag canaccttng gtatatctcc anctttatca agtgtggata acagnggaaa 360
tgataggacn atttacagta tttagctatc tgggagttgt gtatcataga ancncagntg 420
ncatantnga catttccant ataacagaca ttntcttttt tcaatgcttt aaaataaaga 480
cgttttttg 489

<210> 185

<211> 477

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(477)

<223> n = A,T,C or G

<400> 185
tctgcacatt gccaggagc atgcaggagn gctttctcct tctatgatgg ggtactccac 60
catgagtant ggccgcctc ctcatacact nacgaagcta tentacttgc tcntatncna 120
tataacgtac acagnattan ncnactgct gncgnncagc ccttttcccc aaatcaaaga 180
tatatnaggc attttacctc gagaggtctt ctctccctgg caacagcagg ataactgagg 240
gctttcttta aaagnggatc caggaggatg gattatttgc ggaacaaaag agattgcaat 300
ccaatgcaca gaagcttctt nagtgcgctg agccctcctg cccaggactg gagctcccca 360
aaactggtct caggcaaact tcctgagctg gaccgggttc tccagcattt tgccatcggc 420
agcattgntc aggagcctgt gatgcgagcc catcttgggg gctgctgcc caagcca 477

<210> 186

<211> 355

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(355)

<223> n = A,T,C or G

<400> 186
cagcctgcag tcggtgggtc ggggtgcaga ggaagtcaag caaaagtttc aaagattatn 60
ttntttatat cngaangctg gaatcctgcc taatccacaa ttcancctca aggcattttt 120
ctgcggtcatc ttttcangaa atgtgattca tangnncacc acagcggaag gaattttgac 180
ccagaatgac tcggtcactg ccgacgggtt gcaggaggtg ttngaaacca atctcttttg 240
ccactttatt ctgattcggg aactggaacc acttctctgc catgtggata acccctctca 300
gctcatctgg acttctctc gcaatgcaaa gaaggctaac ttcagcctgg gggtc 355

<210> 187

<211> 470

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(470)

<223> n = A,T,C or G

<400> 187

gactgagatc	ctggcctgag	gttggtatgcc	tcatcttgct	aaaaagacac	tggacctaaa	60
tggcgagca	tgactttgtt	cctgcttgcc	taaatttctc	aacgccacag	tcatctaagt	120
catctacagc	cacctttgac	aaacacggag	agcacctatc	ccgtggagaa	ggtagatttg	180
gaataagccg	tcgtcgacat	aattcctctg	atggcttttt	taacaatgga	cctctacgga	240
ctacgggaga	ttcttggcac	caaccctncc	tattccgcca	tgattctgnt	gactctggtg	300
nctctaaggg	agcatatgct	ggaaccacag	gttggcatgg	ctcttcccga	ggcatgatg	360
gtatgagcca	acgtagtggg	ggnagtagta	caggaaacca	ccgacactgg	aatggcagct	420
tccattcccg	gaaaggctgn	gcctttcaag	aaaaaacacc	aactgagatt		470

<210> 188

<211> 315

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(315)

<223> n = A,T,C or G

<400> 188

tgaccggtat	ctggcaccac	tcagggtctc	ctatgatgcc	gcgtcctgca	gatacctctg	60
gaacactggc	tactttctcc	agtggtgagtt	tgacgattcc	tgtgaggatt	caggactcac	120
tgaaccaaac	tgggagtcac	tatgagactc	aaaactcaaa	atgtcctntg	cctcagnctc	180
ctgagacctg	ggatggcagg	tgtgtgccac	caggcctggc	tnntgatgca	cgatttttct	240
gaagacgtgt	ntgccaatgn	ccttacagaa	aggtcctgcc	ctggggagaag	cagtgnctgt	300
ttcaggtgct	gtgtc					315

<210> 189

<211> 301

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(301)

<223> n = A,T,C or G

<400> 189

gggcggacag	gaaaacccgg	acgccgagga	caagangnct	ccgcctcccc	cacgggacgg	60
acggacggac	ggactccaca	agcgtccacc	ggtcactgcc	gccgcccaca	gagacgtcgc	120
ccacgagagc	acacacgtag	acgcggacgc	cgtgnttttn	nagnctnngc	catccccacg	180
ggacggangg	acggacggan	tnnacaaggn	gcgcgtgtca	ccgaggccgc	cagganggag	240
ccactctcac	gattctcaac	agggccongac	cgngnacaga	aatgtccccc	tcaataaaac	300
c						301

<210> 190

<211> 302

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(302)

<223> n = A,T,C or G

<400> 190
taaggagcta catggatgga cgggtggaca gaggacagat gtgcgagcca atggtttggt 60
ggagtctcga gcagacacag gaactgggtg ccaacgggga agcgctgttc ctgggccacc 120
tccctcactg agattcttct ctaagtggaa aaagataaga ttctcatctt ttacacagaa 180
gagccacaga gaacaaagca agaaaccagt gtctggagcc gagcaggaac aggccaaggg 240
catggnctct ctcaaacaca cacatttaaa tacattcaat ctgatgggga tgaaaaaaaa 300
aa 302

<210> 191

<211> 179

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(179)

<223> n = A,T,C or G

<400> 191
cttgccatga ggtgttgaag ccttgtttca ctgagttgga gagactggac ctaaattggnn 60
nnnnatgact ttgctccagc ctggcttaat tttcctactc ctccatcatc aacaaagtca 120
tcattgaatt ttgagaanca ctctgaaaat ttttcatgga cagaaaatcg ttgtgaagg 179

<210> 192

<211> 528

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(528)

<223> n = A,T,C or G

<400> 192
actgaggctc tgtggctacc caccctttta tgatgaaaat gatgccaaac agctttgaac 60
agattttgaa ggcagagtat gagtttgact ctctttattg ggacgacatc tctgactctg 120
ccaaagattt nnannnnnnn antgnagnnn nnagaccggg agaagagggt tacctgtgag 180
caggccttgc agcaccatg gattgcagga gatacagctc tggataagaa tatccaccag 240
tcagtgcgcg agcagatcaa gaagaacttt gccaaagaca agtgggaagca agctttcaat 300
gccactgctg tggttcggca catgaggaag cttgcagctg ggaaccagtc aggaggggca 360
ggggcagact ggcagccacg gggagctgct gacaccaaca gctgggtggc cagcagctgg 420
ctgctgctgc cgagaactgc tgnngngaac caggctcnga ctgncccctg caccaccccc 480
aagcctctag ggcccatagg aatttgaaca tcaaaggaag gtccagggt 528

<210> 193

<211> 331

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(331)

<223> n = A,T,C or G

<400> 193

actgagaagc	gggccctgga	tgcagccatc	atccttgggg	gtggaggact	tctcttcacc	60
tcttacctga	cagccacggg	ggacgaccat	ttctacgccg	agnacctgat	gccgnntctg	120
nagagactgn	ttgatccnga	gtcggcgcac	cggntagctg	ttcgagncat	ttncctgggg	180
ctccttcctc	aagctacgtt	acaggactcc	aacatgctgg	aagtganaga	tcnggcncgn	240
agntncagnn	gtccanacag	ggantgctgn	acganaannc	aaggancgan	caagctganc	300
aacaggtctc	tgtaggggag	ggctctgcgc	t			331

<210> 194

<211> 499

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(499)

<223> n = A,T,C or G

<400> 194

tccagcgttc	ctgttgnagt	atcttgttct	tcagccatcg	acaggacagt	aacatcttta	60
gggtccactgt	ggggaatgca	atcatcttgg	tcaattagtt	catctaagtn	aagccatcct	120
ctggaagtcc	agatacaaga	agaattgagt	tggaactcaa	agactgatcc	ttctgtggct	180
tgatatttga	atgaaagaaa	attaaaaaga	aagaacataa	gccataagct	gaccgatagg	240
acttcggact	tcttctaagg	agattccgac	tacnatatgg	agaacgggac	ctggatctgg	300
acctggatct	ggatctatat	ttagaaatga	aacggtggca	aattcttgga	cttcgactcc	360
ttggtctata	gatataacgg	actggacttc	gagagcgacg	gattctgtga	cctgagcttg	420
atctcctaga	atgtctgggg	ctgggggaat	gagaacgtct	tcttgagatt	tcattttctt	480
tcctattgct	ctcatttcg					499

<210> 195

<211> 469

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(469)

<223> n = A,T,C or G

<400> 195

tgagggtccc	gatgccaggc	cctgogggta	gaggggggtc	accatccctg	acggtgaact	60
tgggcgagga	ggcccgccct	acctgtgaaa	acaatggcag	gaacccta	atcacatggt	120
ggttcagcct	tcagtctaac	atcacatggc	ccccagtgcc	actgggtcct	ggccagggta	180
ccacaggcca	gctgttcttc	cccgaagtaa	acaagaacca	caggggcttg	tactggtgcc	240
aagtgataga	aaacaacata	ttaaaacgct	cctgtgttac	ttacctccgc	gtgcgcaatc	300
cagtccttag	gcccttcctg	gacatgnngg	aaggtaccaa	ganccgcac	atcacangag	360
aagggatcat	tttgcttggt	nttgtgcaat	tggtgccagg	gacgtgctg	ctattnagga	420
aacgngnca	aaatgagaag	tttggggtgn	acatgccaaa	tgactatga		469

<210> 196

<211> 524

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(524)

<223> n = A,T,C or G

<400> 196
gactgagaca tctggtgaca aaggaatctc cgccttcctt gagtcagaca acctgttcaa 60
gtgggtgggg accatccacg gacgagccgg caccgtatat gaagacctga ggtacaaact 120
ctccctagag ttccccagcg gctaccctta caacgcaccc acagtgaagt tcctcacacc 180
ctgctaccac cccaacgtgg acaccaggg caacatctgc ctggacatcc tcaaggataa 240
gtggtctgca ctatatgatg tcaggactat cttgctctct atccagagcc tgctaggaga 300
acccaacatc gatagccctt tgaacacaca cgctgcggaa ctctggaaaa accccacagc 360
atttaagaaa tacctgcaag aaacctattc aaagcaggtc tccagccaag atccctgatg 420
caagctggcc gccctgcccc tcttttgtgt tgnctttttt cttagactat ctgtcctttc 480
tccttgattt ctaaaactatg ttattttttg gtttggttcg gttt 524

<210> 197

<211> 218

<212> DNA

<213> Mus musculus

<400> 197
gactgaggtg agaagtctgg gaaggagcta gaggaggtga agctgcagaa caccagcaag 60
cagattgtcc agaattgccat cctgcaagcc atgcggcaag tctcccagga gagcctgcgg 120
aggggaaggca gaccgggtga cagcagggcc tggggccagc tgggagggcg cgagctgacc 180
aagaaacatg aaaagaagta accgggtaaa aaaaaaaaa 218

<210> 198

<211> 381

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(381)

<223> n = A,T,C or G

<400> 198
tgagctttct acactgccaa gtatggttac aagttgtgcc tgcgcttgta cctgaacggg 60
gatggctcag gcaagaagac ccacctgtcc ctcttcacg tgatcatgag aggagaatac 120
gatgctctcc tgccctggcc ttccaggaac aaggtcacct ttatgctact tgaccagaac 180
aaccgagagc atgctattga tgccttccgg cctgacctga gctcagcctc cttccagcgg 240
ccacagagtg agaccaacgt ggccagcggc tgcccgctct tcttccccct cagcaagctg 300
cagtcacca agcacgccta cgtcaaagat gacacaatgt tcctcaaagt cantgtggac 360
actagtgcta gggatggggg a 381

<210> 199

<211> 451

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(451)
 <223> n = A,T,C or G

<400> 199
 tgtggagaag gactgctcca tnaccaagnt cntgaaccgn atccttggn c tggnggtgca 60
 cangcagaac gccctgttcc aatacttctc cgacaccttc gaccacctca tcgagatccg 120
 acaagaagga ggnengatnc gacatggcca tcctagacct ggcccctggc ntcaacatan 180
 atacatgacn aaagccagna ggggtnnng gcacctggnc acccacagga tgggcaagtg 240
 gtcttctaca agattagcgt ggaccgcggt atgaagtggg aagaggcatt aactaggtcg 300
 ctggagctca aagggtcccta tgatggcttc tacctctcct acaaggtagc aggcagcaaa 360
 atgagctgcc tcctggcaga acagaatcgc ggcgagtatt tcacctgtga caagccaaac 420
 atcggcagac agagccagct tggagaccct g 451

<210> 200
 <211> 470
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(470)
 <223> n = A,T,C or G

<400> 200
 gaggtgtgag caggcattac tgagctggct gatccatcat ggcggagaaa gtgaacaact 60
 tcccaccata tgcccaaatn catcccactg atagccatgt ttctaccaag acttcgaggc 120
 agacatccct cctcagcatc tcagcttgac caagcngcct ctactacctc tggatgtgac 180
 aganagttcc ttnagettca tggcattctt cttcaccttc atggctnagc tggatcatcag 240
 catcatccag gctgtggaaa ttccaggctg gggagtctgn ggctggattg ccaccatttc 300
 cttnttcagg acaaacatcg gctcagcagt ggagatgctc attcccacgg tcatgtacac 360
 agttgnggcc gtcttttctc tcaatgctct aagcatgggt tcataagatt ctaccggagt 420
 agccggaggc agtttaacaa ggnntcagga ggaatgagac cactggagca 470

<210> 201
 <211> 477
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(477)
 <223> n = A,T,C or G

<400> 201
 tctgaggctg accctgcacc tggctcctac cccacacaga gttgccaccc tcattctgact 60
 ccaagttatc ctgtcaccga gatgcagcat gccagtggcc agaaactggc ctcttgccct 120
 cctggccaca tgcccagcct acctccatac cagcctgcgt ncggcctgtg ctatgtgcan 180
 aaccactttg gtcctaacct caangcctcc agtgtgtacc nagntntn gn agggacctcc 240
 naggggttac agactccctc ccctatcaan ngtnctgnca ctggagtatt cagggggcct 300
 ggaaccccaa gggctacagg ntccaaggag tcttccaagg tagccatgcc ctaaccagn c 360
 tgcaaaggcg gnttccacct tggtggacag aggaagggtc tgagaatgta ngaattattt 420
 attgaagcca aggcattgcc gctgncatt ccagctgctt ggggggtaag gccaaaa 477

<210> 202
 <211> 138
 <212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(138)

<223> n = A,T,C or G

<400> 202

atacttgaat	ggacatatta	agcaggtgca	cacttctgag	ctgaccttac	aagtgtcagg	60
cgtgggtcttg	ggagcagnag	cgggctgncn	cccgtggaac	ctcttcctag	cgacctgcca	120
tcatgggatt	ttgccccag					138

<210> 203

<211> 469

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(469)

<223> n = A,T,C or G

<400> 203

tctgaggcag	aagacttta	ccaagggcgg	tgagcagatg	tgtgagatct	tctattctag	60
aagtggacgt	atatcccagt	tctcagagcc	ccgtattcga	gccccgtggg	atccggaggc	120
tgccaaccag	ctccagcatg	cagaacagtc	acagcggagt	gaatcagctt	gggtggtgtct	180
ttgtcaacgg	gcggccactg	ccggactcca	cccggcagaa	gatcgtnag	ctagctcaca	240
gcgggggccg	gccgtgcgac	atttcccga	ttctgcaggt	gnnctnanta	tgcatagntt	300
nttgngtgct	ggctagcgan	aagcaacaga	tgggctcaga	ctgcntgtat	gatanantaa	360
ggatgttgat	cgngcatacc	ggaagctggn	tgcacacgcc	ctggttgana	tcccnggact	420
tcngnatcag	ggcaacnnac	gnnaggttaa	agtttatgca	gcccacctt		469

<210> 204

<211> 538

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(538)

<223> n = A,T,C or G

<400> 204

ctcagtagta	tctcatgaca	gtaagctgtg	accttcttgn	ctaaccatga	tgacagccgg	60
ncgctctatg	ctatcccagg	gttggactat	gtcagncatg	aagaentcct	cccctacacc	120
tccacggatc	aggttcccat	tcaacacgag	ctctttgaaa	gatttcttct	gtatgaccag	180
acaaaagcac	ctccttttgt	ggctcgagaa	acgctgcggg	cctggcaaga	gaagaatcac	240
ccgtggctag	agctctctga	cgtgcacagg	gagaccaccg	agaacatccg	cgtcacagtc	300
atccctttct	acatgggcat	gaggggaagg	cagaattccc	acgtctactg	gtggcgctat	360
tgtatacgct	tggaaaactt	ggacagtgat	gtggtacagc	tccgggagcg	gcactggcgg	420
atattcagtc	tctcagggac	cctggaaaca	gttcgaggac	naggggtggg	gggcagggaa	480
ccagtgnat	ccaaggagca	gcctgcattc	cagnatagca	gccatgtctc	tctgaaat	538

<210> 205

<211> 384

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(384)

<223> n = A,T,C or G

<400> 205

cccgaggaggc	cgccttgntt	ttatacactg	ntntcaccan	acnnncnnaaa	cnggctggng	60
tnactgnnct	cantagctgg	cttacantna	anggcttnag	ttttcacagg	ggccgatcaa	120
nagtgtctant	cgagatattt	ccggtctcca	aatgccatgg	agattgngac	cctttagttc	180
cccnanngtt	tnggnnctct	tactgttgaa	agactaanag	cnttgataaa	tccanccaat	240
gtaaccttcn	aaatctatga	aggcatgagg	cacagctcat	gtcagcagga	aatgatggnt	300
gtcaagcact	naattgataa	gctcntacct	ccaattgatt	gacatcacta	agaggccttg	360
agtngaagtt	caccagcatc	acag				384

<210> 206

<211> 140

<212> DNA

<213> Mus musculus

<400> 206

tgagccaaac	acgtttat	actaaccaaa	gggatgatcc	tgggtaaacc	aagtttgaca	60
tgaagttcca	tgtaaagtgt	ttgtgataaa	gagaactcaa	cagtcatgaa	aaataaaacc	120
aaagaagtga	aaaaaaaaaa					140

<210> 207

<211> 537

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(537)

<223> n = A,T,C or G

<400> 207

tgagaacatt	tgcaccaatg	tgggatgtat	tcaaaacatc	tacagagaaa	ttagcaaatt	60
gtcatttgga	tcttgttaga	aaattacagg	aattaataaa	ggaagttcag	aagtatggag	120
aggagcaagt	caagtctcat	aagaagacta	aagaagaagt	cgcagggact	ctggaagcag	180
tccaagccat	tcagaatata	actcaggcac	tccagaagtc	gaaggaaaat	tacactgcca	240
aatgtgtaga	acaggaacgt	ctgaaaaagg	aaggagctac	acaaagagaa	atagaaaagg	300
cagcttggtta	agtctaagaa	agctacagat	acttataaac	tttatgtgga	aaagtatgca	360
ttaacaaaag	cagattttga	gcagaagatg	acagaaaacag	cccagaaaatt	tcaagatatt	420
gaagaaactc	acctcattca	cataaaggaa	attatcggat	ccttgtcaat	gctggcaagg	480
agatccactt	acagatcngg	ccaggttcat	gaagagttat	aattaccatg	gctaata	537

<210> 208

<211> 160

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(160)

<223> n = A,T,C or G

<400> 208
 agttctgtgc tcaatcgac agccggcaat ttggaaagaa acatcttttt gaccaggatg 60
 aagagacgtg ctggaactct gaccagggtg ggtgcttcta tacccttina ttecaagngt 120
 aggggtgtan aanatgcaag gttacagggt gccttgagat 160

<210> 209
 <211> 540
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(540)
 <223> n = A,T,C or G

<400> 209
 gaactgaggt attttcaagg agaaataatt ccagnttgat ggatgaaatt ttaaaacagc 60
 aacaggaact tttgggcaa gattgttcca aatactcagc agagtttgca aatagtaatg 120
 acaaagacga tcaagattta aattgccctt cggcagtga ggtgctgtcc ccagaagatg 180
 gaaaagcggg tattgtgaga gctgcccagg atttttgcca gttagtagcc cagcagcaga 240
 ggaagccac agatctggat gtagatctgc taggcagctt acttagttca catgggttcc 300
 ctgatcctga cttagtgttg aagtttggtc ctgtggacag cacattaggc tttcttcct 360
 ggcaaatcag attgactgag atcgtctctc tgccttctca cctaaacatc agctatgagg 420
 acttcttctc cgcccttcgg cagtatgcag cttgcgaaca gcgactggga aagtaatggt 480
 ccctacttgc ataatttgac ttcaggcttt tggagaaaaa ggaccaaggt gacactgaaa 540

<210> 210
 <211> 166
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(166)
 <223> n = A,T,C or G

<400> 210
 tatagccaga cagaatggac tgggctctca cctcagtgcc agtggcactg agtggttacat 60
 cacgtcagat atgntctatg tggaagtga gttagatcct gcaggacagc tttgtgatgt 120
 caaagtggct caccatgggg agaatccngn gagctgccag agcttg 166

<210> 211
 <211> 123
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(123)
 <223> n = A,T,C or G

<400> 211
 ttacaccag tgcatttggc tttcctntgc ggntccatca nngggacctg ttccacgctc 60
 ctcttccagc ctttggatct cctcaaaacc cgtctgcagg ccctgcagcc ctcagacctc 120
 ggg 123

<210> 212

<211> 232

<212> DNA

<213> Mus musculus

<400> 212

aaagatcgag	aacaccggca	taaggagcac	aagaaggata	aggataagga	ccgggaaaag	60
tctaagcata	gcaacagtga	acataaagat	tctgaaaaga	aacacaaaaga	gaaagagaaa	120
acaaacaca	aagatggcag	ctcagaaaaa	cataaagaca	aacataaaga	cagagacaag	180
gaaagacgaa	aggaggaaaa	gattagagct	gctggggatg	caaaaaaaaa	aa	232

<210> 213

<211> 368

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(368)

<223> n = A,T,C or G

<400> 213

ttccaggaac	cagcgcgga	cattggcttc	aacgtggcgg	tactgcttac	caacctgtca	60
gagcatgtgc	cccacgaccc	gcgcctgcgc	aacttcctgg	agctggctga	gagcatcctg	120
gagtacttcc	ggccttacct	gggcccgcac	gaaatcatgg	gcgcacgcgc	tcgcatagaa	180
cggtatctatt	ttgagatctc	agagaccaac	cgtgcccagt	gggagatgcc	ccaggtcagt	240
aggccttgcg	tgtttatgaa	gccttggtac	ccttgaaaat	cctntatggg	ggctgtatac	300
nccttcagtg	tntgcaccta	accctactng	gnctctgaca	aagcccaggc	ccctcccca	360
atgtattg						368

<210> 214

<211> 423

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(423)

<223> n = A,T,C or G

<400> 214

tcattctaag	atccctgctc	ccaaagacat	nectgcacat	caggtcoccta	atgccaaagaa	60
gctcaggctg	aaaggaggag	ttatgggaga	aactggcaaa	gcagggcgaa	ctgcccaggg	120
atgtgcgcaa	ggcacaggcn	cnactcctta	gccctccac	accaaaggcc	aaacctgggc	180
cccaggacat	cattgagcna	cccttctatg	acctctgaaa	ccanacaac	cctctggaca	240
cgccttttga	ttggtcagga	tgcatttttt	ttggaacaga	ncaagaagaa	aggcgtgang	300
cggccacaac	gcctccacat	naagcctcc	caggagcctg	nagtggaggt	atntcctgca	360
ggagcctcct	acaaccaaac	ctttggagat	naccaggccn	tgctttnaga	ggcccatgg	420
aag						423

<210> 215

<211> 452

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature
 <222> (1)...(452)
 <223> n = A,T,C or G

<400> 215
 gactgaggta tgtgagaaga ctgctgagct agatgcnngt gcctggtncc tgggnatnng 60
 acgcgccctg ctttgccatt ncgcacccac atgtgtgggc tntagtgtnc cacgganaca 120
 ccagttnnngc tgttgctcagt tttttttctc tgagntggac tataagccac atttcctntt 180
 nctctangaa gtaggttagg accgtgggct ttggnaanga gaccnnngtg gccgtgacca 240
 taaaganact tangnaaaaa agctcaggca ccctggacat gtccgtgtct tacaaggagg 300
 nggatcgcta cgacgctcca gggattgcct tttaccctgg tcaggctcag cttgctcanc 360
 tgtaagcacc actatgaggt tattccacct ctttgnccag cctggncanc cggganacag 420
 gaactgcacc actcaaagga tcaattacac cc 452

<210> 216
 <211> 428
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(428)
 <223> n = A,T,C or G

<400> 216
 gactgaggac agaaaatant atccaangna atttttgcac tagcagtatc aatctgtagc 60
 aagaaagtgt accagtctgt tccagccaat gaaatttccc agaaggcagc agagagccaa 120
 ggcaggggaa aggagacttt gaaaaaagac ctgctggaca ttattaagga catgaaagt 180
 gacctgagca cagcaaatgt gaaaacacca aagccacgtg gcagaaaacc ttctgccagt 240
 ctggaggcta ccgttgacag gcttcagaaa gctccggaag accctccaaa gaagaggaat 300
 gagttcctga gtcctgagtt ggtggctgca gcgtcggtctg ttgcagattc cctacctttt 360
 gacaagcaga caaccaagtc agagctgctc aggcagctgc agcaacacga ggaggagttg 420
 agggctca 428

<210> 217
 <211> 421
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(421)
 <223> n = A,T,C or G

<400> 217
 gactgaggct gtggagctgc ggacctatgg caggagaaaag cttgtgtggt ggccggtctg 60
 cgacgcttcg gctgcatggt gtgccgctgg atcgcccagg acctcagcaa cctccggagc 120
 atcctggacc aacacgatgt gcgcctgggt ggagtgggg cctgaggccc tgggcctgca 180
 ggagtttctg gatggtggtt acttctcagg agaactctac cttgatgaga gcaagcaaat 240
 ctataaggag ctgggcttca agcggtaaca cagcttaagc atcctaccag ctgccctggg 300
 aaaacctgtt cgtgatgtag cctccaaggc taaagctgtt ggtatccagg ggaacctgtc 360
 tgggtgacctg ctgcaaagtg gagggctgct ggtggtcanc aagggtggcg acaaggtact 420
 g 421

<210> 218
 <211> 159

<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(159)
<223> n = A,T,C or G

<400> 218
gactgagctt gctgaantaa agcaagaang tcttgctcgt ggttnagaga ccaagggaat 60
aaaacaagat cttataaata ggctgcaggc ctatcttgaa gaccatgcag aagaagaagc 120
agatgaagaa gatgtactgg gagatgaaac tgaggaaga 159

<210> 219
<211> 273
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(273)
<223> n = A,T,C or G

<400> 219
atctctgtga gggatcaagg gacngctgan cagacttctt gctgctggtg ttngggacan 60
ggtgatggcc acagctctaa gaanggcaca ccaccaacta aggaaagaag gtacatccag 120
cagnggtaat tccgacaacg tatagtcata tcnaagagaa gatgggggtg nttntttact 180
ntgnagataa cgcaggggtc atagtnttca ntatangann agatgaaggc ttctgctatc 240
acanntcnag tgacaaagtg agtgtgcaga ctt 273

<210> 220
<211> 153
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(153)
<223> n = A,T,C or G

<400> 220
gacccctcct tactcactgg cncntcagct ttgattttta acttcccttc cncacctttc 60
ccgaacacac acattcccat ttcaaaattg attttataaa gacattttta atatactgat 120
gcaacttggt gtgcactacg gcaaaaaaaaa aaa 153

<210> 221
<211> 252
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(252)
<223> n = A,T,C or G

<400> 221

caccactaga	ggacatggga	cagcctacag	tggaggagggc	tgagcagcct	ggagccctgg	60
ctcgggagtt	cctggcagcc	acagagcctg	agccagcccc	agccccagcc	ccggaagagt	120
ggctggacat	tctggggaac	ggattgctgc	ggatgaagac	actggtccca	ggccccgaaa	180
ggctctagcc	gcccactcaa	gggccagggtg	gngaccgttn	acctgcnaat	gnncctggag	240
aatggcacc	gc					252

<210> 222
 <211> 235
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(235)
 <223> n = A,T,C or G

<400> 222						
gactgagctt	gctgagttgt	gggaggagtg	cttcctctgan	nccggcgggtg	ttccagactc	60
ctccgtcatc	ctcctcttcc	cagctaggat	ggcgagctcc	tgtgactggt	ccgtcactct	120
ccccccagcc	gtcttgcata	gatttggaa	ctttaaggaa	agagtgaatc	gattctttgc	180
agtaaataca	tgtaacaaac	agagagattt	cttgcaaattg	cagcatttga	atatc	235

<210> 223
 <211> 310
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(310)
 <223> n = A,T,C or G

<400> 223						
ttgatcactt	cttccttctg	aagtcccgcc	ctttcggcta	cccccaatgg	agactaagct	60
gttactgaaa	agganccgac	aaaagcgtea	acngnggagt	cgagaggagc	tggaagnagt	120
cagattncgc	taagggccgt	aaagcggana	gtgatttcgc	cttcgggatt	aacgacagca	180
actcogactt	gtcagagcag	gccatnctcg	tgetggacnc	ttcctaattc	aatttccttc	240
ccattccggn	cccttccta	tcgtcgcccc	tttcaccttg	gatcatgntc	gaaaaaattt	300
gatgaaaaag						310

<210> 224
 <211> 294
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(294)
 <223> n = A,T,C or G

<400> 224						
ctgagatcca	ggatgagaag	gatgttacaa	gcagcancta	gctgaacagc	tataaantgc	60
ccaantctgg	gttcacaaaa	ccagntnana	gngaaaattc	tgacagtgc	agcagtatgg	120
naggagaggg	catatggaag	anagagtaac	anacaagatt	gnatcttaca	gcaaaacttc	180
aaaaattgac	cgagggtgata	tgggcaagga	aatgagagag	aaaccatcca	tgaaacgaaa	240
gctgcctttt	acagtcagcc	catcgagaaa	tgaggagcgc	gactcagaca	caga	294

<210> 225

<211> 529

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(529)

<223> n = A,T,C or G

<400> 225

```
actgagggat tttttatgga gtattgtgag gagcgggtgtg gnagcagtcc caagatggca      60
accgggactg cagctaagtc ttatgacttg cacctgactt cttcatacac ctgaaaataa      120
gccatgaccg tcatgagagc tgcgcaggtg caccatgatg ctggtggtgt aaacaagtcc      180
atatttggtg gagatgtgcc cctgccgccc tgattggcta aagctgtgtg cctggtgaga      240
tggcagtggc ctgccgtgag tgcattggga ttgagagtat ataagagtga gaagcccgag      300
tggtttncgg tgtgcccttg tcatanacaa cgtcagtgcg ggcttaagcc tgagtctggn      360
gccaaccctt ccccgagtgg tgcattgcaa ttaggtgctg gcagactgac caatctcagg      420
aggacacaaa gcctttccct gtgctcaggt gcataaagc agacctccct ggggtgcccg      480
agtcccgagta gcagcatcaa ggcattnctg caataaagcg tgttaaagt      529
```

<210> 226

<211> 494

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(494)

<223> n = A,T,C or G

<400> 226

```
tgaggtcgga tctagatccc ttcccgatcc aggggaaggc gatactctcg ctcccgagc      60
aggagccgag gacggaggtc aagatcagca tctcctcgcc gatcaaggtc tgtgtctctt      120
cgtagatcaa gatcagcttc actcagaaga tctaggtctg gttctataat aggatcgaga      180
tcccgtcaa ggtcgagatc aagatccagg tctatttcac gancatgaag cagccgatca      240
aatccagat ctncatctcc taaaagaagt cgttcncgca tcaggaagtc cacacagaag      300
tgcaagtcca gaaaagaatg gactgaagtt tctcaagttc acccctaggg ggaaaagtta      360
tttttagttt acattattat aangggattt gttatgncn gaaaggcgta cgcnagggaag      420
ggatcatcaa ccatttaatc aaaatggatc tgggattatt actctgtaaa attcacagca      480
gtaaatattg tttt      494
```

<210> 227

<211> 456

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(456)

<223> n = A,T,C or G

<400> 227

```
gactgaggcc ttgaagacga aggtgggaat cctgatgaaa ttgaagtcac ctcagaatgc      60
aacaagaaga tgcctaagag gccagcaaaa gggaggaaac cntnngncga ggggtgtggag      120
gacaacgggc tcgaggagaa ttctggggat gggcaggagg atgtggagac cagcctggag      180
```

aacctgcaag	acatggatat	gatggacatc	agtgtgctgg	atgaggntga	cattgacaat	240
ggcagcgtgg	cagactgtgt	ggaggaagag	gaggaggcca	cactccctga	gggcctagca	300
gacagcactg	aactggtaga	aggagatttg	aaagggctcc	cagaacagct	gcaggagcat	360
gctatagatg	acaaggacac	cgtaaacaat	gtagatacgt	catcatctga	cttcaccatg	420
ctgcaggaga	tggaagaggc	atctttggag	cccga			456

<210> 228
 <211> 219
 <212> DNA
 <213> Mus musculus

<400> 228						
gactgagga	ctggggagat	ggctcccgg	taaagggtgt	cgctgctctt	ccagaaggaa	60
caagttcagt	tctcagcacc	caagggaggc	tcacaacccc	ctgtagttcc	agcatcagag	120
ggctctaaac	cctcttcctg	cctcaccgga	catcctctca	tgtgttgctg	acataacac	180
gaacgttaca	tataaataaa	aagccttaaa	gaaaaaaaa			219

<210> 229
 <211> 220
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(220)
 <223> n = A,T,C or G

<400> 229						
actgaggtat	gtaaaagaag	gagatacgg	gtctcagttt	gacagcacct	gtgaagttca	60
aagtgacaag	gcctctgtca	ccatcaccag	ccgttacgat	ggcgtcatta	agaggctcta	120
ttacaatcta	gatgatatcg	cttatgtggg	gaaaccactg	ancgacattg	agacagaagc	180
tgtaaaggaa	ggaaggaaga	aagaaagaaa	gaaagaaaaa			220

<210> 230
 <211> 326
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(326)
 <223> n = A,T,C or G

<400> 230						
ttactgagtt	cttgccatga	caggttngca	gccccgtgtt	cgcaatgcag	cacgtgggtg	60
gtgtaccccg	tttactggta	cggagaacct	tccttgggac	ggacgtcacc	atgacaagga	120
ctctgtgcag	tccaggtccc	agagagaagc	gaccggaagc	cgcagcctta	gggctctttc	180
accgcctccc	ggaattggga	agaacacttg	agccacaccg	ttngccatca	agnagcctct	240
actgccaagg	cttggtggga	cagatatgaa	gagttttgtg	gactnaatga	gagttcgggn	300
ggccccagga	aacgtgacag	aggcgg				326

<210> 231
 <211> 190
 <212> DNA
 <213> Mus musculus

<223> n = A,T,C or G

<400> 234

tggtttccca	agccgctctg	gtttctcctc	gccaccaccc	tgaggtccaa	gctggggaag	60
acgattgtta	tcaccaagac	gacccacag	tctgaaatgg	gaggctacta	ctgcaatgtc	120
tgtgactgtg	tggtgaaaga	ctccattaag	ttcctggacc	acattaatgt	tttagaaaca	180
tcagngaaac	ctgggtatgt	ccatgcgagt	ggaacgctcc	actctggatc	aggtaaagna	240
gcgtttntga	ggtgaacaag	aagaagatgg	aagagaagca	gaaagattat	gattttgagg	300
aaaggatgaa	ggagctcana	gaagaggagg	aaaaggctaa	agcataccaa	aaaaaaaa	358

<210> 235

<211> 348

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(348)

<223> n = A,T,C or G

<400> 235

gactgaggat	ttgcagttcc	tgactaccgc	tcttctcata	ttgaagttag	ccaggcatca	60
cagcttttac	agcagcagca	gcagcagcag	cagcttcgaa	gacgaccttc	cttgctttca	120
gaatttcacc	cgngattctg	acaggccntc	aagagaggag	aactggatta	tngaacagtt	180
tcacttcagg	accctcaccg	anggatcatg	attccttgga	gtccaaacgn	ccacnccagg	240
aaccagttac	tanntgcccc	tttncaagcg	ngttaagtna	ctannggatt	tacnntttag	300
ttcantccc	tgccagaagg	ctngagntcg	tntgctgatg	caaagaga		348

<210> 236

<211> 519

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(519)

<223> n = A,T,C or G

<400> 236

tcgagctggg	agatgtgacg	cccacaatat	taaacagttg	aagagactga	accagggtcat	60
ctttccagtc	agctataatg	ataaattcta	caaggatgng	ctagaggtn	gcgagcntan	120
caataccttn	catatttcac	atgatatagc	tgtaggngca	gtgtgcntgc	aagggnngga	180
tncattcaca	gaatgaaaag	agacttttnc	tcatgacact	aggatgcctt	gcaccttacc	240
gaaaactagg	aataggaact	anaatgttan	atcatcgtcc	taaacatctg	tgagaaggat	300
ggcacttttg	acgatatcta	tctgcatgtc	cagatcanca	atgagtcagc	gattgncttt	360
tacccggaag	tttggttttg	agattatcga	gacaaagaag	aactactata	agaggataga	420
gcctgcagac	gcgcatgtgc	ttcanaaaaa	cctcnaaggt	cccatctggt	cagaatgcng	480
agacacagaa	gacagacaac	tgacaaatca	caaatgaac			519

<210> 237

<211> 235

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(235)
<223> n = A,T,C or G

<400> 237
gactgagctt tctcgggctc tacttggttg atcgcgacc cagaagagaa ctagtcaact 60
caagttttaa gccatggccc aaagactgat gacattcaga gacgtggccg tagacttctc 120
tccagaggag tgggagtgtc tgagcctgga ccagaggagt ttatacagag atgtgatgct 180
ggagagctac agccacctcg tctcagtggg actttttgnt tatcggtcac atctg 235

<210> 238
<211> 249
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(249)
<223> n = A,T,C or G

<400> 238
taaataaaga gtattgagcg aannacctac aacggaccag nggctgcacc actgaggaaa 60
ctgnnnnttc tctanccacc attaaccncc tatagcttct nacgaggaag cangggcttt 120
gtgagtnaac aaccacntna ccaaccagan gntgnaggat ncanaagcga ctcattgatt 180
tacatantcc ttctgagatt gntagcgga ttnccttccat cagtattgag ccgggagttg 240
aggttgaag 249

<210> 239
<211> 535
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(535)
<223> n = A,T,C or G

<400> 239
tctgagaggc tccggttctg tggcgatctg gactgtcccg actgggtcct ggcagagatc 60
agcacactgg ccaaaatttc ctctgtgaag ctgcgactgc tgtgtagcca ggtgctaaag 120
gagcttctgg gtcaggggat tgattatgag aagatcttga agcttactgc tgatgccaag 180
tttgagtctg gagacgtgaa ggccacggtc gcggtgctga gtttcactct gtccagtgc 240
gccaagcata gtgtcgacag tgattccttg tccagtgagc tgcagcagct ggggctgccc 300
aaagagcatg ccaccagcct gtgccgctgt tacgaagaga agcagagccc cctgcaggag 360
caccttcggg cctgnanccc tacgtgtgaa caggctggcc agcgtgggct ggcggggtaa 420
actacaccct gagctccagc ctgcttnatt ctgtggagga gcccatggta catctgcagc 480
tacaggtttg tgctgntcc aggtaccan gcccaacct gtttccatgt cccaa 535

<210> 240
<211> 325
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(325)
<223> n = A,T,C or G

<400> 240
ctaataccgaa agagaatcca tnngcagata ancntggact gttcctctac agaaggaaac 60
acacgaaagg gceagteggg agaaattcaa atgaaaagaa cccgccgtgc nntcataatn 120
ccaacgagcc atcactgggtg catctcttgc tgatataatg gctaagagga atcgnaaanc 180
ctagagggttt ggaaagcccc agctgagagc aggcctatca gggctngcca aggnagcana 240
aaaggctann gcnggcttna aannatgaca gcaatnggct gctgccnagg cccccanaaa 300
nggcagcacc taaacaaaag attcg 325

<210> 241
<211> 345
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(345)
<223> n = A,T,C or G

<400> 241
acttgaagac gcagctgcac gccataacta nggcattcct cntnnacnt tatantgacn 60
ngatnnccgg angtagccag ngcacttggc cgctgactat ngaggcatca natcttgctt 120
aggntcactg gacaaantat gaggaggaca aattctacct tgaccctatn taaaagaggt 180
tattcgggaa aagaaaggag agagaanagt ggnctaagga agtgatcttt ttanttaaga 240
tctgngtgtg tgccctggctt caccatactt ttacanagnt atttaaacc aaatcacaat 300
ttaangatta ttngnttcta cctatnnca cactttaaat aaaca 345

<210> 242
<211> 208
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(208)
<223> n = A,T,C or G

<400> 242
gactgagccc tcccaggcac caatacttca aagcatctta cctctgctca atatatatta 60
cttgagagag attgaggaaa ctgctctcaa aaaagggtctc tctactcaag ccatctggcg 120
ccgactctgg gatgaactga tgaagacaag gccttccagt ttggagagag gnacnntctg 180
ncnanccctg actatgctgg caccact 208

<210> 243
<211> 249
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(249)
<223> n = A,T,C or G

<400> 243
ctatgatcca gccagacaca agcactctaa gtgtgcttca gncagtggct gtgccgctg 60
cacaatgagg tgaatcgaa gctgggcaag cctgattttg actgctcgag agtagatgag 120
cgttggcgtg acggctggaa ggacggctcc tgtgactaga agattaccag cagttcgtga 180

ggggcatcta gcctnggttc tatggncaac agcctgattg acgattaaag tgcattctgag 240
ccaaaaaaa 249

<210> 244
<211> 187
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(187)
<223> n = A,T,C or G

<400> 244
tgcgcgctgt gcatcangtg agacctgcag ctcanactg gggttcagca agaactggc 60
ccggaggaac gnagnaggag atgcctnntg gcnctantna ccctgtctac tnngaactga 120
ctttntttgt cncctcaana cnaccttctn cacaactnca gtgacgcttt nactctctga 180
ggatgct 187

<210> 245
<211> 274
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(274)
<223> n = A,T,C or G

<400> 245
gactcagacc acacagccgt ctagaanaag cagaaaccag ctgagctatc tggaagagct 60
ttagaccaac tgagacactg aggaggacac tctccagcct gttgagctgc ctgcaggctg 120
tgcagtgtgc tacaagttcc cagcgttgtg agctgtcacc catgctgggg tgggcctccg 180
ggatgcagct gtctttgagt catttctgct ccgataagta acccctcacc catattcttc 240
caaggaaccc caataaaact catggcttac caag 274

<210> 246
<211> 274
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(274)
<223> n = A,T,C or G

<400> 246
gaactgagaa tggaatgacc tatgtangca tgtgcatgta aacttcactg gcgaagagtg 60
ggctttgctc agtccttccc agaagaggct ctacaaggat gtaatgctgg aaacctacag 120
aaacctcact gctataggtc tgcagntggg aaaaccgtaa tatngaagaa tattttcaac 180
cgttctagaa gatntggaag gcatgaaaga agtcatactg ggagaaaaac cttctgtata 240
tactcaatgn aataaagcat ttgcatatca gaga 274

<210> 247
<211> 534
<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(534)

<223> n = A,T,C or G

<400> 247

gactgaggtg	gggtctttac	tacggggccac	gcaaagctgg	gcacacacac	aatggaagtg	60
actgtctacc	accgacgggg	ttcccagagc	tacgtgcccc	ttgctcacgc	cagttcaacc	120
ttcaccatta	ctgaccaggt	acctttctcc	gtgagtgtgt	cccagctaca	ggccttggac	180
ggagagacca	agcacttcct	gagaaatcat	cctctcatct	ttgcccttca	gctccacgac	240
cccagtgggt	atttggccga	ggccgacctc	tcctacacat	gggactttgg	agatggtact	300
gggaccctga	tctctcgggc	acttgatgtc	actcacactt	acctggagtc	gggctcagtc	360
actgcccagg	tggactgca	ggctgccatt	cctcttgttt	cctgtggttc	ctccccagtc	420
ccgggtacca	cagatggcta	catgccaaact	gcagaagcac	ctggaaccac	atctaggcaa	480
ggaaccacta	caaaagttgn	gggtactaca	cctggccaga	tgccaactac	acag	534

<210> 248

<211> 305

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(305)

<223> n = A,T,C or G

<400> 248

caaggcaggt	tactaaagat	nnacaggcaa	gatggntatc	ccagcaagtt	ggncctggcc	60
tacaaagtct	gcatgaccgg	aagaangtca	tccttggtt	nttcttggtg	cagcacanna	120
cccgcctgca	gattgcatag	gacccgtctc	tggactatga	gtacttgccc	ctggtggggc	180
tgaatcatt	catccagtc	ttctctggaa	ctcctctttg	gaaagcacag	cgaagccatt	240
gcgganaaaa	gggctggggg	ngngcacatc	gntaggtgag	agtggagcct	tccagctttg	300
gggct						305

<210> 249

<211> 233

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(233)

<223> n = A,T,C or G

<400> 249

catggacccc	tccccacgag	ngcaggnaca	ccccagcact	gggaggcccg	atgcanaggg	60
ngaccccncc	aagaggantg	gccagtgttg	ggccccaggg	ctatggaact	ggcatgcggc	120
ccccacccaa	antcccttgc	caccagccag	gtcctgccgt	cnatgaacat	gggtccagga	180
gtgcgtggnc	catggtccac	atccaggnga	aagtnngatc	ccggactctt	cct	233

<210> 250

<211> 510

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(510)

<223> n = A,T,C or G

<400> 250

tgctttgtgc	ttgtggagac	ctggggccat	cnnctggcac	agtaggatgc	ccccngtcc	60
tcctcagcag	aacaggaaca	ggttatcaca	gctgcctggt	ggggagcttg	nagagatgga	120
actgacttgg	caagagatca	ttgtncatta	ctgagctgca	gggtctaaat	gttccaagtg	180
agacatcttt	tgagcctcaa	gcacccaccc	cataccctgg	gccactgcca	cctccaacat	240
attgccccctg	ttcaattcat	ccagatgcag	gctttctcct	tccccacca	tcttatgagc	300
tcccagcatc	tactccccat	gtcccagaac	taccatactc	ctatggtaat	gtagccatac	360
cagtggtcaaa	gccacttacc	ctttcaggcc	tgtctaatga	gccccctcca	gaccacttag	420
ctctcctgga	cattgggctg	ccagtggggc	aaaccaagc	ccaagaaga	cccagaatct	480
gactcaggat	tatccctcaa	ctacagtgag				510

<210> 251

<211> 503

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(503)

<223> n = A,T,C or G

<400> 251

aaagatgatg	tctgcaaaca	ccgtggctaa	agtgatgatc	atnatgctgg	cagnctgtct	60
tcttacccaa	acggatggga	aaccctgtag	gaagagagct	gtcagtgaat	tacagcttat	120
gcacaacctg	ggcaaacacc	tggcctccat	ggagaggatg	caatggctga	gaaggaagct	180
gcaagatatg	cacaattttg	ttagtcttgg	agtccaaatg	gntgccagag	atggcagtca	240
ccagaagccc	accaagaagg	aggaaaatgt	ccttgttgat	ggcaatccaa	aaagtcttgg	300
tgagggagac	aaagctgatg	tggatgtatt	agttaaatca	aaatctcaga	aatgctgatt	360
tattctagac	agtgcagggc	actgacntat	gctgctacct	tttcaagctt	atgaagatca	420
ccaagtgtca	atactttctac	tgnaatgaaa	ctttggaatt	tttttgatta	cntttttgct	480
catttaaggt	ctctttcaat	gat				503

<210> 252

<211> 258

<212> DNA

<213> Mus musculus

<400> 252

acctaccctg	aagaagaaag	caattcggaa	tcagctagca	tttctgcagc	aagacacata	60
tctgaggaca	ggagagagtc	tgatgactcg	gatgttgatt	tgggctctgc	agtgagacag	120
ctgcagagag	ttcattcctg	acatacagga	aagggcggcc	accaccatca	gacgcatgta	180
tcgggatgac	ctagggcgct	tcaaagaatt	taaggcacia	ggtgtggcta	ttagatttgg	240
caaattttct	gctaaaga					258

<210> 253

<211> 485

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(485)
 <223> n = A,T,C or G

<400> 253
 ttgattttga agtatgtat tgctcgggtgcc antgctctttt ggtgtgctgc gggagccgga 60
 cattntgaag ttgttaaact tctagnnagc catggagcca acngaaacca caccacagtc 120
 actaactcaa ctccattgcg ggcagcatgc tttgatggca gactggacat tnggaaatat 180
 tncggttgaa aataatgccg aatatcagca ttgccaaaca agtatgacaa cacctgccta 240
 atgatnggng catataaagg gcacactgga tgtggtcaga tacctcttag aacaacgtgc 300
 tgatcccaat gctaaagcac actgnggagc cacagctttg cacttttgca gnctaagctg 360
 gtcacatttg acatttgtga aaganctgat aanatnggag agctngcant agctggtgaa 420
 tggncatggg atgacnccat tgaagggggc cgctgaaagc tgtaaagctg atgtcgttga 480
 acttg 485

<210> 254
 <211> 174
 <212> DNA
 <213> Mus musculus

<400> 254
 attcatttcc atttcaacaa atgatggcag aagttcctaa catggcagtc accgactgga 60
 cagcaggtgc cagcagtagc tcctaacatg gcaaccgtga cagaacagca ggtgcccgcga 120
 gacgtcctg tocaggaacc tgcaccagaa ataatactga gattttaaaa aaaa 174

<210> 255
 <211> 458
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(458)
 <223> n = A,T,C or G

<400> 255
 gaactgaggt tttactgcaa tcaactgcaac aaacccatt ttgcttataa agactcgttt 60
 acagcttgat gcaaggactc gtggggaaaa gcaaatgggt gcttttgaat gtgttcgtaa 120
 agtctatcag acagacggac tgcgaggatt ttatagggc atgtctgcct cctatgccgg 180
 catatcagag actgttatcc attttgttat ttatgaaagt ataaagcaaa aactactgga 240
 atgtangact gnttctatga tggaaactga tgaggagtct gtgaaagaag catcggattt 300
 tgtgagaatg atgctagctg ctgccacctc aaaaacctgt gccacaacca tagcgtatcc 360
 acacgaagan ngaagancng gactacntnn ataanggaca cactntaggg annttntntc 420
 ngcncctggn tttgagtga ccctaagaag gcttacgg 458

<210> 256
 <211> 479
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(479)
 <223> n = A,T,C or G

<400> 256
 tactgaggat gactatatgg aagcgctggc ccggctcctc tcacagtgc cagggcctac 60

aagggtgaaca	ctgatatcaa	ctttgaggtg	tttattcata	aagtagatgg	tctgtcagat	120
gaccacaaaa	ttgaaaccca	gagagacatt	caccagaggg	caaacgatga	cctcgctgat	180
<hr/>						
gctgggatta	gaaaaaattc	accttgagct	tttacctgac	aagcatatat	gatcattcaa	240
tatttgaagc	ctttagcaaa	gtggttcaga	aactgatccc	acagctcccg	acgctggana	300
atctgctgaa	catctttatc	tcaaattctg	gaattgagaa	agcgtttctg	tttgacgtgg	360
tcagtaagna	tttatatttg	caactgacag	cacgccggtg	ggacatgcag	acgtacgagc	420
tcttgctgng	acatgattga	cggnggtgat	cgacatctct	tgtatttatg	ggtctcaaa	479

<210> 257

<211> 360

<212> DNA

<213> Mus musculus

<400> 257

actgagctgg	agagaggcgt	tcgtgagagt	ggatgggttac	ttcggcagag	caccattctg	60
aaacgctgga	agaagaattg	gttcgacctg	tggtcagacg	gtcacctgat	ctactacgat	120
gatcagactc	ggcagagcat	agaggataag	gtccacatgc	ccgtggactg	catcaatatc	180
cgcacggggc	atgagtgccg	ggacatccag	cctccagatg	ggaagcccag	agactgtctg	240
ctgcagatcg	tttgccgaga	cgggaagacc	atcagtctct	gtgcagagag	cacagacgat	300
tgccctggcat	ggaagttgac	actgcaggat	tccagaacaa	acacagctta	cgttggttca	360

<210> 258

<211> 259

<212> DNA

<213> Mus musculus

<400> 258

gaccatcgag	cagtcacctg	tgccacacag	ggtgggcagc	atcgccgagc	tcagtgcact	60
tgtgtcccg	gcgatgcacc	atctacagcc	cctcaatgcg	aagcaccacg	gtaatggcac	120
gcccattcac	cacaagcagg	gggcgctcta	ctgggagcca	gaggccctgt	acacgctctg	180
ctacttcatg	cactgcccgc	agatggagt	ggagaatccc	aacgtggaac	cttccaaggt	240
caacctccag	gtggaaagg					259

<210> 259

<211> 460

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(460)

<223> n = A,T,C or G

<400> 259

gactgaggtg	tccaagcta	gaggtaagca	tggcagtaac	aggaaccac	tgctgagcag	60
cttgcgcaga	tagctgcaga	gaatgaggaa	gatgagcact	ctgtgaacta	caagcctcca	120
gccagaaga	gcattccagga	gatccaggaa	ctggacaagg	acgatgaaag	cctccgaaag	180
tacaaggagg	ccctgctggg	cncgagtagc	tgtctctgca	gacccaacg	tccccaatgt	240
catgtgtgac	tcgactgacc	ttggtatgca	gcactgccct	aggccttntg	gaantgntcn	300
tgacannгна	gccncgagan	gcttnagaga	aanatncagt	ntgttggtga	aggaaggcg	360
cggngnacct	actantaaag	ntntttccn	ggntgaacaa	gaaagantcg	tgtccgncat	420
gaagtacatc	caacacacnt	ataggaaaag	gggtcaaaaat			460

<210> 260

<211> 466

<212> DNA

<213> Mus musculus

<400> 260

tgagtgggtt	ttcctggatg	atgtcctggg	tcagagggtg	gctctgtcgt	ggggatttgg	60
agtggccagc	attgtcacag	gaccgtatgg	aaggaggggc	ctttttcttc	cgtggaagag	120
tgccatgtat	agacaccgtc	ttgataggca	tctgtgcgac	gctcagcaag	aggggacttg	180
ctgctcagga	ggtccatgga	cgaggccaag	gggaactggt	gattcacagg	catgtttctg	240
ggaaggcttg	caaaccttcc	cgcagccatg	attcttaact	ctgaggaggg	aaaagagaca	300
gaaggacaaa	gccttgataa	ttcagaagct	tgtctgctgt	acgcgtgaga	ctacatagaa	360
agcttggttc	acaaggaata	tagaaaaaca	gggtggtgag	tcctggccag	ttcctggcac	420
tctgtcagca	cttaatcaat	gttaatcatt	gttattaaaa	aaaaaa		466

<210> 261

<211> 381

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(381)

<223> n = A,T,C or G

<400> 261

actgaggttg	ctcaggacac	ccctttcccg	gttcgagggg	agtcagccga	cgcgcgcgca	60
ctgcgcagac	tcctcgctgc	agtgggcgtg	atccgtggag	gtcccgcgcc	tactcagctg	120
ctcagacaga	agctggagcc	ccaccgaagt	agcagccaac	gtctgatttc	cagtccctga	180
cacacccacc	tagccacctt	cgttctgcag	agtccccag	cggtcaggca	atatgaagcc	240
caaactgatg	taccaggagc	tgaaggtgcc	tgttgaggag	cctgcggnag	aactgncctt	300
gaatgaaatn	gaggcatgga	angcagcaga	gaagaaagcc	cgctggntnc	tcctggctct	360
gatcctggcg	gtagtgggct	t				381

<210> 262

<211> 506

<212> DNA

<213> Mus musculus

<400> 262

tctgcaggag	tcagtcgcag	tgttgctgta	gtgatggctt	ttataatgaa	gaccgaccag	60
cttacctttg	aaaagcctac	tgacatcctc	cggacagtca	agccagaggc	taaagtgaat	120
gaggggtttg	aatggcaact	gaaactgtat	gaggcaatgg	gatacgaagt	cgatacggtc	180
cagtgccttt	tacaagcagt	accgtttaca	aaagggtgact	gagaagtatc	cagaactttg	240
gaatttacct	caggaactct	tcgctgttga	cccaactacc	atttcacagg	gattaaaaga	300
tgacattctc	tacaaatgca	gaaaatgcag	gcggtcttta	tttagacatt	ctagtatttt	360
gggtcatagt	gaaggaagtg	ggccaatagc	ctttgctcac	aagagaacgg	cgccatcttc	420
tgtacttacc	acaggaggtc	aggctcagtg	ccacgtctta	cttcattgag	gcctgtgcag	480
tggatggaat	ctaactttgc	tggaaa				506

<210> 263

<211> 458

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(458)

<223> n = A,T,C or G

<400> 263
 ggtctcctct tttgcttctc gaagccacgt gaaaaaggcc gtgacagact tgagggccac 60
 gcccttccca gcttgctcag cggggctcctt gctgctctcc catttgtaga aggcacccctc 120
 tgatatcacc tctcgtcat acaggcaatc aaaaaacatc cggagcaagt ctgcaagagg 180
 tgacaacagc cgcaggtgtg agcattntat ttgcaaggaa aagcaaagac atgtgaatta 240
 cngagtgaat gaatgtgggc ggtgaatgaa tgaatgaatg aanggctgca gtcaatcagc 300
 acagtgaatg aacatccact ccccagnact gtgcactaca cctcttgnt gctgagcaat 360
 gtaacactca tttgcagacn aaacattact ttttattctt atntttgcc aaattcaact 420
 atngtntggg anactactca aaggtgtttg ttatttaa 458

<210> 264

<211> 106

<212> DNA

<213> Mus musculus

<400> 264
 ctggaacccg agagactgtc gagcctgcac accctggagc tttgagggaa ccagctggaa 60
 tccacaaagg gaatctacct tcctaagctg aagaatctct acctgg 106

<210> 265

<211> 525

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(525)

<223> n = A,T,C or G

<400> 265
 caactggaag agattcgctt aaagcaggta acagcaggag aacccaggca ccaagaagcg 60
 caaggaaaac aaggagcaga atcagggaga atcggcgggg gagaaaagcc gatcccgaac 120
 agctactcgg gtccttgcca ccagcttgcc atacaggaac cggaaaccggg agaaagagct 180
 gctgccagta caactggaca ctacgcagcc tcaggacatt ntggaagagg aggagctcga 240
 gcggatgaag ctctgtctac aganagagaa cctcatccgc ancctgggca ttgtngagca 300
 gctcacccgc atgctgtacc ctanccaccg gagccacaga aagcttcatt agtatcggn 360
 gagntccct gcgaagcctn tcacaaagca agnaacaag ggctgtgatg ccaacacgtn 420
 nntgggtggt ttaaccaaen gaggttattt gtgatggtac cttgtcacgg nacctggga 480
 ataggctctg ctggnntcca tgatgtcngt taccaggctt ccttg 525

<210> 266

<211> 460

<212> DNA

<213> Mus musculus

<400> 266
 agcacggacg gaggaaggag gagaagctga gccaggccta tgcaatcagc gctggtgtct 60
 ccctggaggg ccaacagctc ttccagacca ttcacaagac cattaagagc tgtaaattggc 120
 aagaaaaaaa cattgtagtc atggaagaag ttgttattac acccccatat caagtggaaa 180
 attgtaaaag caaagagggg agtgcactga gccatgtacg caaaatagtt gaaaaacatt 240
 ttagagacgt ggaaagccaa aagatactgc agcggtcaca agcccaacaa ccacagaagg 300
 aggetgctct gtcacccctg gtccacaaac agggaggact cttccagcat ccagccacag 360
 cgatggtggt ggtggcttca gtggaggcgg gcccggggga gggaagggat cctatatattc 420
 ctgctgactc ttattagggt cagtgtttca aaaaaaaaaa 460

<210> 267

<211> 275

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(275)

<223> n = A,T,C or G

<400> 267

tactgactca	gctcgggact	ggccctttaa	gaaaacattc	nttgctcgtc	ggccccgcc	60
ggggcccgta	ccctggacac	tttaaaagga	cccagntagc	cctggaggcg	aggngaccgn	120
ctccccgccc	tgccctgctg	ctgcgcagcg	ctgtggctcc	tgcccaagcc	ggnccgtaga	180
gaagactggc	ccgcagcggn	tttctgcgcg	anttncttgg	atctcncnc	aaangcgctg	240
atagatggga	cacgngncca	ggctgctttt	gctgc			275

<210> 268

<211> 333

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(333)

<223> n = A,T,C or G

<400> 268

ttatacatgc	tgttctcaag	agatggaaga	gaagtncagc	ctgcaaagta	aagatgattt	60
caaaaccgtg	gtcagcgaac	agtgaacca	tttgcaagcc	atctttgcat	cccgttacia	120
gaagtttgat	gaattcttca	aagaacttct	tgaaantgca	gagaaatccc	tgaatgatata	180
gtncgtgaag	acnttttggc	cacttatgctg	tgcaaaantn	agagctatat	aaagatctct	240
tcctttgagt	tgaagcgnta	ctatntggcg	ggaattgtga	acctggaaga	aatgttanana	300
tnacttnctg	ggcctcgcct	tctggcgcg	atg			333

<210> 269

<211> 427

<212> DNA

<213> Mus musculus

<400> 269

gactgaggac	ttgccttctg	cctgtcgtct	gaagagggaa	actcttcgta	ggagggctca	60
acttcaacac	cgatgaacag	gcacttgaag	accacttcag	cagctttggg	cctatctctg	120
aggtggttgt	tgtcaaggac	cgggagactc	aaagatcccc	gggttttggc	ttcatcacct	180
tcacaaaccc	agagcatgcc	tcagatgcga	tgagagctat	gaatggagag	tccctggatg	240
ggcgccaaat	ccgagttgat	catgcaggaa	agtctgccag	gggatccaga	gggggtgcct	300
ttggtggg	cg	tgctcagat	tactctagag	gtggtggaga	ccagggatat	360
gatatgacag	tcgtcctgga	ggatatggat	atgggtatgg	gcggtctaga	gactacagtg	420
gcagaca						427

<210> 270

<211> 142

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(142)
<223> n = A,T,C or G

<400> 270
ccactgttgg agaagaccag tcagggcctg acaggcccan aggcancctg ctactgcag 60
gactgagctc caccagggag gtctgcttgg gcaggagtcg gnagagagcc cagcgagacc 120
ccagcagcct cccgtttctc gt 142

<210> 271
<211> 451
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(451)
<223> n = A,T,C or G

<400> 271
gactgaggtg ggggtctttca ngagcccagn ctgggacaga aggtaccac ggagggacac 60
tccgaaccga tctgttgcc ctctcgntc ccagagccgg cagggggccc ccagccggga 120
atcctggggg ctgtaacagg tctcggaag ggaggctccc gccggaatgc ctggggaaat 180
cagtcatatg cagaactcat cagccaggcc attgaaagcg ccccgagaa gcggctgaca 240
ctgcccaga tctacnaatg gatggtccgc acgngccct acttcaagga caagggtgac 300
agcaacagct cggcaggatg gaaggtggtt tgtgttagtg taccaagtac agnggacaga 360
atggaccttc acgtanacgt tagagtgagg gagcanatct acnatgngcg gagggggccan 420
actgaacana agatggggaca gcttgaccg a 451

<210> 272
<211> 352
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(352)
<223> n = A,T,C or G

<400> 272
gactgagatc ccgtgataat ctgcaggaa cgatttccag caacactgtg cacttggtg 60
ccattctgtc ttgcttgctt gtccctcaca aacagtcagc tgagcagcag tcttcaattc 120
cagatgccac tggctctttg cacagactca agagaagacc gaaagcatta gngataaagc 180
cacattctcc aagcttcgag cctngagatg agtggccttt ctgcgaggca catnaacagc 240
gtgacttnga agagcanagc ttgnatagag atntaggnct aacggcctna nctgacagaa 300
cagncaactg gctgnaccgn gttttgtgtg tgtgtgtgtg tgtgtgtgtg tg 352

<210> 273
<211> 256
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(256)
<223> n = A,T,C or G

<400> 273
ctggtggcgg tgctgtntgn gacngactgg gctgaggaca tgcccannct gaaggacctg 60
gccantgtgg ccttctgtga tgcacagtcc actcaggaat tccatgagaa ggtgttgaat 120
gaggctgngg gtgccatgat gtaccacacc atcacctca ccaggaaga cctgtttntn 180
ttcaaggcng tgagagtaga tcngcgaat cggtagctggc tacgacaacg tggacatcaa 240
ggctgctggc gagctc 256

<210> 274

<211> 507

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(507)

<223> n = A,T,C or G

<400> 274
gactgaggtg gggcgcccgt gagactgcgg ctgcatctac cggttcgag ttgcctact 60
ggatgaatat gaaaacgaag tggtaagtt ctctgcctca cccaaccag tccttcagt 120
gactgagagg agctgccgac aaggactacc atgatgtgat gcanacatct ctaggttgct 180
atgcctgagg actactccat gtgnggaggc caagccagac ctganngcac acnctnttg 240
tccccacatc aaggtaaacy gagggagatc tggagttcaa ggtcatcccc agctgtatac 300
tgacttcaag gccagcctga gctacatgag gccctgtcaa aaaagagaga atatccaata 360
gaccaagctt gggatcataa caaaaggaga aagctactta taagaagaca gggactttaa 420
aaattttctt aatccggggc tggagagatg gctcancggn taagagcact gactgctctt 480
ccagagncct gattcaatt cccagca 507

<210> 275

<211> 393

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(393)

<223> n = A,T,C or G

<400> 275
atgttaaggt gcatggcggc ctgctgcaga ttttccccga gggtcggcca gtggtagcca 60
acatcgagcc actctttgac cggttgctca ttttctggtc tgaccgacgg aaccacatg 120
aggatgaagg agcctatgcc accaggtacg ccatcactgt ctggtatttt gatgccaagg 180
aacgggcagc agccagagac aagtatcagc tagcatcggg acagaaaggt gttcaagtac 240
cagtatcaca gccaaactaca cctacctaata ggccagcccc agagctgcgt ggaccagcag 300
cagctcctgc ctgagtgccc gctcctttcc tgccactgct gctgcttctg gcttgctctt 360
gtactgngtg gngtggaggg cactaagtat cac 393

<210> 276

<211> 322

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(322)

<223> n = A,T,C or G

<400> 276
gactgaggggt ccccttgaga naatgaagag tatccgggag accatgaagg ancaaggtgt 60
cctcaaagac tttctgaaga accacaagta tgaccctggc cagaaatacc actttggcaa 120
gnttgngac tacagtgtac tctatgagcc catggcctat atggatgctt cctactatgg 180
tgagatcagc atcgggactc caccacagaa cttcctggtc cttttcgaca ctggctcctc 240
caacctgtgg gtgtcttctg tctactgcca gagcgaggcc tgcaccacac acaccgcta 300
caacccagc aagtcctcca cc 322

<210> 277
<211> 370
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(370)
<223> n = A,T,C or G

<400> 277
gactgagtca aatggcagct tgctcagtan ctgccgaggc gctaggagtt gccgaaacag 60
gtccggaagc taccgagcga gtccggaagt tgccgaaagg gagcagcggg gaaggaggat 120
ggcgnatctc atcgcaagac ttcgagagga cgggatccaa aagctgtgtg atacaggagg 180
gccgaggaga gttgccggac tttcaggatg gcactaaggc cacgttccac tttcggacgc 240
tgcacagtga caatgaaggc tccgttatag atgacagccg aacacgange aagcccatgg 300
agctcatcgt tggcaagaag ttcaagttgc ctgtgtggga gaccatcgtg tgcncatgc 360
gtgaggggga 370

<210> 278
<211> 227
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(227)
<223> n = A,T,C or G

<400> 278
gtgcttcaca cacctgcttg nnttacctgn caggcgagaa nnctngtgna tggtanngag 60
ccngggacca ngcagctcat tcagngcntc agganntaaa acccanaatn ctaccnagng 120
tccccacttn ttggggctcc acatgncctg agatctagga actgcctttg cctgcgccaa 180
agctattcca ttaaaacttt actgctgggc tgcoctcaaaa aaaaaaa 227

<210> 279
<211> 175
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(175)
<223> n = A,T,C or G

<400> 279
gactactggc agtattcgtg angtgattgc agaattgatt gagctgncac atgcctgctg 60
acctgtgaac ttaactgctn atttcagac nacacagatg gnatttgctc cnangagcca 120

tttctaaaca ggtccacttc cctgtatcc tttcttttcc actacttctg gtggg

175

<210> 280

<211> 260

<212> DNA

<213> Mus musculus

<400> 280

gactgagggtg gggctctttca catttttcgag ctgagacctt gatcggctaa cttagtcaaaa	60
ataccactgc caccgctgaa ggaccagggtg ttcgaatgca cagtgttgca agcaacgcaa	120
gcgaaagtga ccttcacaca cacagccctc tgtgtccttt tatggctgtt ctgtcgtcga	180
tgccaacccc caattattta ttattgttaa taacttactt tttcttacat tctgttgtaa	240
ataaagtatg aagcaatctt	260

<210> 281

<211> 186

<212> DNA

<213> Mus musculus

<400> 281

tggggtggtt tgacggctat gatagctgca gtgaggacac aagtagcagc tccagctctg	60
aggagagtga agaagaagtt gtccttttac cttccaatct cccaatcatc aagaataatg	120
gacaagtcta cacataccca gatggtaaat ctggcatggc tacctgtgag atgtgtggga	180
tggtcg	186

<210> 282

<211> 310

<212> DNA

<213> Mus musculus

<400> 282

gactgaggcc ttaagtattc ttcaaagagt cccccagtag tggatgatcac agacatgaaa	60
agatgcgaga cgccgcagat ccttcaccac caaacaatat gttgcggaga tctaataatg	120
ctgaaaacaa atacagtgc agcacaggtc acaacaaggc caaaaacgtg cacactcaga	180
gagttagaga aagggacggt gggaccagtt actctccaca agaaaactca cacaaccaca	240
gtgcacttca tagttcaaat tcacattctt ctaatccaag caataatcca agcaaaactt	300
cagatgcagg	310

<210> 283

<211> 398

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(398)

<223> n = A,T,C or G

<400> 283

atgttaaggt gcatggccgg cctgtctgag atcttccccg agggctcggc agtggtagcc	60
aacatcagag ccactctttg accgntgct cattttctgg tctgaccgac ggaaccaca	120
tgaggtgaag ccagcctatg ccaccaggta cgccatcact gtctggtatt ttgatgccaa	180
ggaacgggca gnagccagag acaagtatca gctagcatcg ggacagaaag gtgttcaagt	240
accagtatca cagccaacta cacctaccta atggccagcc ccagagctgc gtggaccagc	300
agcagctcct gcctcagtgc ccgtccttt cctgccactg gttgctgctt ctggcttgcc	360
tctgtactgg ggggggngg agggcactaa gtatcact	398

<210> 284
<211> 159
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(159)
<223> n = A,T,C or G

<400> 284
gagcacaggc ggcagttggt tctccatcct cngtgagccc tggagcatgt ncccactgcg 60
agccttcagn catgccgntc tgcacgcttc tgtctccaac aagtggagcc aatgagtcac 120
accccagggg ggctngaggc acccatcacc accagtga 159

<210> 285
<211> 250
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(250)
<223> n = A,T,C or G

<400> 285
atctgagacc tctgtctgcaa acagcataag cagcagtact tcttcaaacc acagcggcta 60
cactccagag cccctctctgc tcccagctgg aggcgacctt gccagccgac tgtccagtga 120
tgaaggggag atggacggag ccgacgagtc cgagaagtta gactgtcagt tctccacaca 180
ccaccccaga cctcttgcgt tctgctcatt cgggagtcgc ctcattnnac gaggatacta 240
tgtgtttgat 250

<210> 286
<211> 145
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(145)
<223> n = A,T,C or G

<400> 286
gggacatggg ttggaggacc ctgcctcca gacgccagga agaggagact acnanagacc 60
tggtctgaa atnaccacca gggaaacctg gaggtctcct gccagcatt gatganaccc 120
gacctatagg cccaggccca gcctc 145

<210> 287
<211> 110
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(110)
<223> n = A,T,C or G

<400> 287
gagcagtttg cctaattgcca gagcggggga agatgctgag tgcacaagat caacantgag 60
aacaagccc tggacttnt cgccagcagg ggaacaagc tgggtgteeat 110

<210> 288
<211> 245
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(245)
<223> n = A,T,C or G

<400> 288
ttcctcaccc gccagctttt gcctgacctt acaagcttct gagatgaana acccgaggga 60
agcggcagac gggaaacagc tgtattcncc tgcgccctgg ctgctgctgct ggttgccctga 120
ccggctaanc atgcacctnc tgcnetgcga cgttctantn tgcntggctc ggtcncggta 180
gatcgcttnt tcnegncccc tngnnccca cgatgcataa cgggctacag ggcgtcgttt 240
cgcgg 245

<210> 289
<211> 489
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(489)
<223> n = A,T,C or G

<400> 289
tgacgtcct ctcttcccag tcttcatccc tggcagcccc ctttgggtct gtgtccactg 60
aaaacccaga gcagaggatg ctggagaaga gagccaaggt ggtggcggag cttttgcaga 120
cggagagaga ctacatccgg gatctggaga tgtgcattga gagggtcatt gtgccctgc 180
agcaggcaca ggtaccaaac gttgattttg aaggnntttt tggaaatatg caaacagtga 240
ttaaagtctc aaagcaattg ttggcggcct tggaaatcag cgatgctgta ggaccctgt 300
ttcttgacca ccgagacgag cttgagggan cgtacagggg ttactgccag aaccacgatg 360
aagccatctc cctgctggaa atgtacgaga aggacgagaa gaccagaag caccttcagg 420
actacctggg cagatctcat gagcctgtac cacgaatggg gatgcnccca attacatcaa 480
cctggggct 489

<210> 290
<211> 331
<212> DNA
<213> Mus musculus

<400> 290
actgagggtg acctgtctgt gtgcccagtt tgaagccgtc cttcagcatg gcatgaagag 60
gagccgagga ttagcactca cggctgcagc catcaaacag gcagcaggct tcaccagcaa 120
gaccgaaaca ggagcaaggg ggctggtgag atggctcagc aagtaagagc acccgactac 180
tcttctgaag gtccggagtt caaatcccag caaccacatg gtagctcaca accatccgta 240
acgagatctg actcctctt ctggagtgtc tgaagacagc tacagtgtac ttacatataa 300
taaataataa ataaatcttt aaaaaaaaaa a 331

<210> 291

<211> 499
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(499)
<223> n = A,T,C or G

<400> 291
gactgaggac tttaagctcg acttcggcaa tttccaaggc aaaatgagtg agaggtggca 60
cggaggcatn antgncatnn ttgnganncc tntntcncaa tanganattn agggttctnc 120
tcaataagcg gaaggaaatt acctgccnnn gttacctgat gacgaactac nagagcgcgc 180
ccnctacacc acagtataag aagggttatct gcatgggtgc ganaganaac ngtttgccac 240
aggantatca ngaganatta aaagcnatan aaccaaata gaatnaagga angatctccg 300
acgaaatgga agacatcatc aaaangggag agtcanaact gtcataacag actctgaagc 360
tntgtgtgct attatgaagt gcttttaacg tttgcgaaca ngagtctgga ccttcttggt 420
tctgaccttg attttcaaca gtgctgnnaa gggcttctca cataggtgat tctttatatt 480
tanctgtaac aaacaactg 499

<210> 292
<211> 381
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(381)
<223> n = A,T,C or G

<400> 292
gactgaggac tatgatgttt gtctgtagcc cangccgacc tcnangntnt ccggcctcan 60
ggccccctga gtaatgggga tgggaaggcc tggaacacca caccagctg acgctnctca 120
aggccttttc atagtctcca agccttgaag gtttacaaga agaaagcagg cnaccagatn 180
cgctgtgtct tgcccacaag ggctggcatt aaagatgtgt gccgccatgc ccagtgatcc 240
cagtttaaaa gaaaaagaca agattccgat tgatanaata ttaaannaan ctngntgnc 300
tgtgcccact atggaacaac ctanactga gaaccagcc octagtaagg ccactagtgc 360
anaaactggt tttttaatgc c 381

<210> 293
<211> 390
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(390)
<223> n = A,T,C or G

<400> 293
actgagctaa caagcaganc accagcnggt cagtatttgg atggcttcac ttgacagtac 60
ttntctttga agnccactgg gntcatctgc agagcttcac ctacctcatc cactggaaga 120
aaatgtcaag gcattcaatc aagctttgga gataatcagt tattaagcat acagctgaat 180
ccttttaaaa acacatatca cttacatggt atgttgattg atccaggtat ttttccttgc 240
tcaagaattt cccatgtatt tctaactatc attaacataa tgtctttgga gttcagtagg 300
ctttttagtt cctataagt cacaccctta ggagtagaac aaaatgcttg gctgcatctc 360

<210> 294

<211> 489

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(489)

<223> n = A,T,C or G

<400> 294

gactgaggct	agatcttcag	aactgttccc	tgaggatcct	ggtccaaact	ttttacaggc	60
ttatactgct	attatcatag	accttcaggc	aaatcctctc	aaggatgatt	tggccaacac	120
cttccgtggg	tttactcagc	tcgagactct	gatactacca	caagatgttc	cctgtcctgg	180
aggtagtaat	gcctgggaca	atgttacttc	tttcaaggac	aagcagattt	gccaagggca	240
aagggaacct	tgcaatagca	ctggaagccc	agaaatgtgt	cctgagaacg	gatcttgtgc	300
atctgacggt	cctgggtcttt	tgagtgcggt	ttgtgctgat	ggtttccatg	gatacaagtg	360
tatgaggcag	ggctcatttt	cactgcttat	gttctttggg	attctgggat	ccaccacgct	420
agccatctnc	atttactttt	ggggaaccca	gcgcgggaaa	gccaaggctt	natgagccac	480
acaagactt						489

<210> 295

<211> 334

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(334)

<223> n = A,T,C or G

<400> 295

atgctcccaa	acctgggaac	tgggacagct	ccgatgcctg	gggctccngg	acagacggaa	60
ctagcgctca	naggaacagc	agctgccaac	anctgggaca	cgggctttgg	ccaccacacag	120
gcctaccaag	gaccagnanc	tggtgatgat	gacnaatggg	atgaagactg	ggacgacccc	180
angttcttct	caccttactt	gagggattca	gaaccagctg	aagcaggggg	catccagnng	240
ggaaacagtc	gtgcgggtgc	ctcctccatg	aagctgcccc	ttaacaaatt	tcctggattt	300
gcnaaacctg	ncatgnagca	aaactttggt	ggcc			334

<210> 296

<211> 141

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(141)

<223> n = A,T,C or G

<400> 296

ccctgggagt	ctgctatggn	nttccctcac	ctacaacagc	nnagtttntct	tntggctagc	60
ctgaaagctg	acctctataa	ataagccctt	tgcaaacgt	tcgccaagat	tncgggtgaan	120
gtcattgagg	atthttccagc	c				141

<210> 297

<211> 445

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(445)

<223> n = A,T,C or G

<400> 297

tgcccggtgg	agctgtgtag	cctccgttcc	ctgcgggata	tcantgntcg	aaggaaccag	60
ctcantaccc	tgctgatga	gctgggagac	cttctcttgg	tccgcctgga	ttnttctgt	120
aaccgcatnt	cccgaanncc	cgntacttc	tgccgncna	ggcacctgca	ggncgttctg	180
ctggatagca	ttncctctac	agaggccacc	tgcccagata	tgctgaagg	ggaaacttca	240
catcttcaag	tacctaacaa	tggaagctgg	ccggagggga	gccgccctcg	gggacctggt	300
cccttccgcg	cccccaagtt	ttagtccttg	ccctgccgaa	gatttatttc	cgggacgtcg	360
ttatgatgga	ggcctggact	caggcttcca	cagcgttgac	agnggcagca	agagggtggtc	420
agggaaaatg	agtccacaga	tgatt				445

<210> 298

<211> 353

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(353)

<223> n = A,T,C or G

<400> 298

gactgaggtg	taacacccag	gnactacatc	tggcacaagg	gggatgcgct	gtgagtccat	60
catcacggac	ttccaggtga	tgtgcgtggc	cgttggctcg	gctgctctcg	tgcttctcct	120
tcctgttctt	gatgactgtg	ttctttgcc	agaantctta	tctngctcaa	gactngagaa	180
tacncaagct	tggggaggac	nnnntaaaa	ccnggacccc	gtctgagctn	cncaannagc	240
aanntctncc	tcnccaccat	tggnccgagg	ngntttcanc	cgnaatagac	agagcccngc	300
gctccccaca	aaatncagga	nccctctcaa	gtncgcgctg	aaggagggaa	gaa	353

<210> 299

<211> 289

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(289)

<223> n = A,T,C or G

<400> 299

gagaacacac	tggtagcaat	tttaatgtac	acatgcaaga	acaaaagcct	gtgaagctgg	60
aacgcaactg	taggttatgc	cactaactta	gccttaatga	atgaaatcgt	agttcagcgg	120
tggaggccct	gcctagtacc	tgccgaggcc	ctgggttctg	tctccagcac	tacaagctac	180
atacaggaat	ttattgaact	taggacttct	tcgtgcatgc	taagnnngtc	ctctcccaac	240
tgagccacat	ctccagttgc	ttaatgaata	ttaaggaaca	aaaaaaaga		289

<210> 300

<211> 204

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(204)

<223> n = A,T,C or G

<400> 300

aagggcagag	acttgatcat	gcacttacac	agngcnagac	ttcacattgn	anggaagcct	60
ttggtatggn	atacctgtna	cctgctcatc	atagcttgac	nncanntcca	gcggagcnna	120
nagacctttg	tgccaancct	atgtgagtnc	ttcaggccaa	ttcatctctg	ngcaaagacc	180
tggnctgcc	ctgccacttt	gtgc				204

<210> 301

<211> 115

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(115)

<223> n = A,T,C or G

<400> 301

tactgtagga	tactcgggga	agacanccac	agntgtgtna	aaggggaacc	cccatcaaat	60
gcgggcagnc	catccgtntg	acacacatca	acanaggtng	aagcctgcac	agacc	115

<210> 302

<211> 317

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(317)

<223> n = A,T,C or G

<400> 302

tgagtgagaa	ggccccaggg	atggcgcttt	ttttaaggga	cctgcgtatc	ctgggtacct	60
cttctnntg	attccagacc	tnagcngccc	gtacctctcc	aacggacccc	tgtctcctgg	120
tgagcgcgc	accgtctnac	atgatnntgg	agtcantcn	tgcaatanca	nattgcagct	180
gctaacatca	gnagactgct	tggtcgccaa	naactaggat	ntaagangtg	cnnntnangn	240
ctgnagagat	ggctcagngn	ataagactgn	tcttacatag	gcnctgagnn	caaateccnag	300
acaaccacat	ggtggat					317

<210> 303

<211> 444

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(444)

<223> n = A,T,C or G

<400> 303
gactgagccc cgttccttgt ggactgtcca gngtgctggc aaaccagga aacagtcagg 60
ttgccagagt tgcagctggg ctacaaatta agaactcttt gacatcgaaa gatccagata 120
tcaaggcaca ataccagcag aggnntcagc tattnatcgc ttntgntcta cgtggaagtc 180
aacganntnt nnncttttga agccagaaga gagtgttgat tcccctggat ntggagttac 240
acgccatcgt gnggatcaga caagggtgct gngaactgaa ctctttggag agnagggagg 300
gttatgctgt tttgctctcc ccaacacagt cccacagctc ccctttgttt tagggatggc 360
aggctcctgt gtttgctggg ttttacagga taatgtgtaa agtcagggan gataaataag 420
taattttgag tcaaacaaaa aaaa 444

<210> 304
<211> 507
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(507)
<223> n = A,T,C or G

<400> 304
gactgagacc caatcccacc ttctcacagc caagtgccaa tggagtccag acagaaggcc 60
ttgactatga caggctgaag caggacattt tagatgagat gagaaaagag ctggcaaagc 120
tgaaggagga gcttattgac gcaatcaggc aggagctgag caagtcgaa actgcataaa 180
gaagcaaaact acggaggggc aggacttgaa tctggagaaa acaaaaattc ctacaaacaa 240
ctcttaaccc ccaaactttt aagctgtaag aagaaaatgg atacacagtc aggagggaag 300
ccgtcaacct ctgaaagcct cagacagtga ctctggcgat cagctgtccc ctcaagtgtgc 360
tgctttattc tgtctgacct ttaccacagg atggagaatg atattggagt tcccttagca 420
gtactaaacc cgtcaggcaa gatcaccgng cattgaaata ttttcatgtc tagatgantic 480
tgcacgttnt ccataatcca ttgctaa 507

<210> 305
<211> 500
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(500)
<223> n = A,T,C or G

<400> 305
tgagcgctgg cgtggatgct gccatgcctt ggtctttggn gactcggctg ctttttaatg 60
gcngcagcgg ctgnctggga ngaacancta gagacnanna gtttgntntg acggnagggt 120
tgcttttctg tggcgccatc actgntggat tggcccttcc tggcccttnc tctgttagaa 180
gggagaagat gccactgcca ttnggattga aattgaaacg caccgcagc tacactgtgt 240
ccagcangag ctgcctgggt gcccgatcc agctgctcaa taatgagntt gtggagttca 300
ctctgtcngt ggagagcact ggccaggaga gcctanaagc tgnggccag cgctggagc 360
tgagagaggt aagctgcaaa ggaggctgca ggtctttttt tcttcaactc ttacctcatg 420
gaggctgngt atcctacctg gtctacctga caccagaagc atgcacttcc tgtctgtgac 480
tgcagatgaa cctgaagccc 500

<210> 306
<211> 420
<212> DNA
<213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(420)
 <223> n = A,T,C or G

<400> 306
 tgagccctgt cagaccccg agtgatgtga cccacaagca gctctcagca tttggagagt 60
 atgtggctga aatcttacct aagtatgtcc aacaagttca ggngtcctgc cttgatgagt 120
 cnagaaatct gtatccatcc cgatggagtc atcccaacgc tgacttttct cagggatcac 180
 accaatgcac aattcaaadc cttggctgac ttgacggcag tggatgtccc aactcggcag 240
 aaccgntttg agattgtcta caacctgctg tctctgcggt tcaactctag gattcgtgtg 300
 aagacctatg cagatgagct gacacccatt gactctatag tgtctgtgca ccacgcgggc 360
 ccaattggta tgaggaggga ggtctgggac atgtttggag ttttcttttt taaccacct 420

<210> 307
 <211> 254
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(254)
 <223> n = A,T,C or G

<400> 307
 atgtgatgaa caaggacgag aaagcacagc anccactggt gcttagcntg atataggaat 60
 anacnnggat gncgcacagg ctttccatgt ancatggtn ttagttttgc cagggctgct 120
 ttgtgaagaa gaagggantg gtcannacan tgggtcanta ntgtggcnac tgtnaatacc 180
 acttnagaag gctgaaaaag acaaacgggg atntattagg ttatanganc aaaagntaa 240
 gtgacttctt cctt 254

<210> 308
 <211> 131
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(131)
 <223> n = A,T,C or G

<400> 308
 tgagagtctc tgcaggaggt atcaccagn ngggcagatc atgctggcag caacaggggt 60
 ggccagtatt tgtcccagcc tggggcttcc tccttggttt cttatttgca gttacttgaa 120
 taaaaaaciaa a 131

<210> 309
 <211> 298
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(298)
 <223> n = A,T,C or G

<400> 309
gaggaggctc aatggccctg agtgaagatg aggctgaggg agaagtgtct gncaacacaa 60
aggtcccatc ctgtggcagg tggaaactct ggaagctgct gccctcaggg ctgaaccag 120
atcagcccct acatctgggt gttgaggggg ggccactgtg gagggtgaa gctgaccctg 180
gntgcatctt ttttagtttt ctgtcacng atccatactg ccagcaaaga accagtanca 240
gataggtcta agcctnccct cagagncccg ctttnttctg gccagtgtag ggcaactgg 298

<210> 310
<211> 268
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(268)
<223> n = A,T,C or G

<400> 310
gagaccatga aggaacacag gctgncactc anagacttnc tgaaganccn cangtctgan 60
cctgancaga aataccactn tgggagggtn ggtgnctaca agtgnactct atgagcccat 120
ggcctatatg gatgcttctt actatggnga gatcagcatc gggactccac cccagaactt 180
cctggncctt ttcgacactg gctcctccaa cctgtgggtg tcttctgtct actgccagag 240
cgaggcctgc accacacaca cccgctac 268

<210> 311
<211> 451
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(451)
<223> n = A,T,C or G

<400> 311
gactgagacg tgatgggtgtg gtccaacgaa cgggtcatgg gttgggtgtc tggctctggc 60
ctgaaggaaat ttgtacnaa tctcacggag agtgggggtgc acgngcact gttggctctg 120
gatgaaacct tcgactactc cgtactggcc ttgcttctac agatacctac gcagaatgca 180
caagntnggn aactgctgga gaangaattc antaaccctca tntccttagg cacagacaga 240
cggctggatg aggacagtgc caagtccttc agncgctccc catcctggag gaagatgtnc 300
ctgcgagaag gacctccggg gtgtaacccc ngattcaacc nagatgttac cccctactt 360
ttgtcantt gccnaggag ccctacgtc tcccggncct nctntccgcn aaactgcagc 420
ctgaaggcca gacttctggg agtttagcaag c 451

<210> 312
<211> 445
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(445)
<223> n = A,T,C or G

<400> 312
actgaggaaa cacaggatga gtcagctgtg ttatggttgg atgaaattca aggtggaatc 60

tggcagtcca	acaaagacac	ccaagaggcc	cagaggtttg	ccttaggaat	ctctgccatc	120
aatgaagcag	tagacagccg	gtgatgttg	cagaaccctg	agtgccctac	gttctcccga	180
cgttggctta	tatggagtga	tccccgaatg	tgqggaaacg	taccagagte	gaetttgctg	240
aagccaagaa	gaagagactg	gcagnaggag	atantaacag	naagtgggtg	agagcactgg	300
gtgaaaggng	ngtaccatta	ctaccacaac	ctgnagacgc	aagcaggagg	atgggnagag	360
ccncnagact	ttntgcaaaa	ttntntgcan	cttttatnga	gangggatcc	agagntccan	420
ctctggagta	acccgctgca	tataa				445

<210> 313
 <211> 510
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(510)
 <223> n = A,T,C or G

<400> 313	
actgaggggt	gaacatgatg atgaggaaga tgcgtgtggc tgcagcctcc aagccagcag 60
tgcagatcaa	acaggagaat gacactttct acatcaaaac ctccaccact gtgcgaacca 120
cggagattaa	cttcaagatc ggggaggaat ttgaggagca gaccgtggat gggagaccct 180
gtaagagttt	ggtgaaatgg gagagtggaa acaaaatggg gtgcgagcag aggccttctga 240
agggggaggg	ccccaagacc tccctggagcc gagaaactgac caatgatgga gagctgatcc 300
tgacaatgac	agcagatgac gttgtgtgca ccagggtcta cgtccgagag tgagtgccta 360
cgggtccaag	aactgcctga gacgacttcc gtgcccgcta caggacacca aacctccctc 420
ccacgtncat	cttacaact anctctcccc ttactcctga gggttactgc ttctccaag 480
gccttttgtt	cttttgctt ctctaagcca 510

<210> 314
 <211> 429
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(429)
 <223> n = A,T,C or G

<400> 314	
ccatgagcga	gctgaaagac ngtaccactg cagttncatg acttnaagnc tgtggaccac 60
ctgaaggctt	gtccccaant acactggcag tgctggcccg ctccgaggac gatggcattg 120
gcattgagga	gctggacacc ctgcagctgg agcttgagac tctgctgtcc tctgcaagcc 180
ggagactgcg	tgtactggaa gctgaaaccc agatccttac tgactggcag gataagaaag 240
gggaccgacg	attcctgaag ctaggctcgcg accacgagct cgggtgctccc cccaaacacg 300
gaaagcccaa	gaagcagaaa ctggaaggga agacaggaca tgggccaggc cctggcccg 360
gacgacccaa	atccaaaaac gtccaaccca agatccagga atatgaattt actgatgacc 420
caatcgacg	
	429

<210> 315
 <211> 304
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature

<222> (1)...(304)
 <223> n = A,T,C or G

<400> 315
 gccggggcgcc gcctctaggg ccacccangg ctcttctaca tgccattatc ccaccaagct 60
 ncagggggca gacagcgacc ctctgggca gctggnatcg cgactggttg cgtncctgac 120
 tcggtccaat catcgagag cgcagcgttt ctccctgagg aagtgactgc gctcggaacc 180
 tagtgggggc cggngggagn gatgngnncg nngagnnct gagtcgatgg tagtgtgcgc 240
 ctggaccacc ganactctgg actagnctct gntctcttgt ggccaagngt ggctcgtgta 300
 caat 304

<210> 316
 <211> 538
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(538)
 <223> n = A,T,C or G

<400> 316
 gactgagtgt cttaaaacat aatgggtgaa gacgaattgg cactcttaaa tcaaagcatc 60
 aatgaatttg gggataagtt cagaaacaga ctcgatgata atcatagtca agtgctggga 120
 cttagagatg ccttcaagga ctccatgaaa gcgttttcag aaaagatgac tttgaaatta 180
 aaggaagaag agaggatgac tgagatgatt ctggagtata aaaaccagct ctgtaagcag 240
 aataagctca ttcaacgaaa agaaagagaa tgtgttgaag atgattgctg aagtaaaagg 300
 caaggagcaa gagtcggaag agctgactgc taaaatccag gagctcaagg aagagtacgc 360
 taggaagagg gaaaccattt ccactgctaa caaagctaag gaagagagat tgaaaggact 420
 gcagaaatca ncggtctgt atagagatta ccttggacta gaaattagaa agattcacgg 480
 taataaattg cagnttatat ttactagtat tgaccctaag aatcctgaga gcccatat 538

<210> 317
 <211> 511
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(511)
 <223> n = A,T,C or G

<400> 317
 tgctaggagc gcgggggncca gcagcagncc catacccent tggatcgtag attctanaag 60
 cgactgcccg tggagatgct aatgaaagcc atcntacagt aaagcaacat gtccttnttt 120
 nctngggacc agactgaagg aaggggaggc agagaggcag gtgcaaggcn gtgggagagg 180
 caggcttcac aagcnggeng acggagttnc cacaancnt acccagggan atccccaccc 240
 tgcccatag ggccattcg ggatcaactc catntcaant gtangtcctc tggcacagcc 300
 anctgtgcct gtagcgaact ccgacagcac atttctgttn tncgacagca gcctcacagt 360
 gagctcatag aggtgcccg catccgtgcy acccgagtac ctgcagggga gtgggagaca 420
 cagacctcac ctgntgagag agcctcactc tgccagagat ctcttctgcc tatcccagca 480
 tncctgccgg gcaagtgcac cccccccagc a 511

<210> 318
 <211> 508
 <212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(508)

<223> n = A,T,C or G

<400> 318

ccactgatct	tcagcacgnt	actttgcttg	cttgatgaga	gcccggttng	nagaacatna	60
gaatgagaag	gatatgatga	gggctaccca	gctgctgagg	gaggcagaag	aagaattctg	120
gcagaatcag	catcctcagc	cgtatatctt	cccagactct	ccggggggca	cttccttcga	180
gagatatgag	tgctacaagg	ttccagaatg	gtgcttagat	tactggcatc	cctctgagaa	240
agcaatgtat	cctgattact	tttccaagag	agagcagtgg	aagaagctga	ggatggagag	300
ctgggatcgg	gagggttaagc	agctgcagga	ggaaacatca	cctgatggta	ttatgactga	360
agctttgcct	cctgccagaa	gggaaggtga	cttgcccca	ctgtggtggc	atattgtgac	420
cagacctcgg	gaacggccca	catagaggca	ggccctcac	tgttcatgct	tgcaagtgag	480
agtttcagag	cacgctcaca	cttgccct				508

<210> 319

<211> 514

<212> DNA

<213> Mus musculus

<400> 319

tgaggacttg	gtgacttact	tcttgacctg	aggcaggcga	atgtacaaga	gacccacagg	60
tgggagcagg	agtaccgcct	gacggaggcc	taccagggtc	cggatgccag	cgctcagctcc	120
atgcacacgg	cgctgacccg	cattgccagt	gagcctcaca	tctgcaacg	ttattacgtc	180
tataactcgg	tcagctacaa	ccatttgacc	tgtgaggaca	gctgccgcat	cgagcacggt	240
tgtgctatac	aacacgtggc	tttcaacact	tatgctacct	gcttgcatgg	tcttggtgcc	300
aagctggtgc	ctggtttcct	gctcatactg	actctgctgc	caagcctgca	cgtaactggag	360
gtgttatgac	tgtaggcact	gccagcccac	ccactgactt	ggttcattct	tctcctggta	420
aaattgggca	acgtttaccga	atggagagag	atgaactttt	gccatcagtc	tcccccgcg	480
gagagtaaag	tgggatggga	cacctggatt	cacc			514

<210> 320

<211> 484

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(484)

<223> n = A,T,C or G

<400> 320

actgagtgga	ggagtctgga	gacaacaggc	anggaaaggg	catctcccta	ggggaaataa	60
aagaaggaag	aacaagtcac	cagccgagga	cctcaaattg	ntgaaaaaca	gaatgtattt	120
ggtgtctgct	gtatctttgc	atccttcagt	gaaacctttg	tccacatcac	tactctttct	180
ggcaaggaaa	ccctctgctg	agtaactatt	ataaagatga	aggttgattg	aggcatgtgg	240
ctggctagca	tgcaattaca	gaggactggg	gatcaaattc	aagacttcac	gaatgccagg	300
caagtactac	taactaagct	atatccttaa	caaaaagatt	ccttttctat	atagattcca	360
aataagaatg	cttaaatagc	aatcaagtat	gctgaagccc	tggacgcaca	tgattttact	420
ccctaaatg	gaagcctaca	atttctgaga	atcccaaaaa	taaaaactcc	tgtacaaccc	480
ttgc						484

<210> 321

<211> 466
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(466)
 <223> n = A,T,C or G

<400> 321
 actgatcttc agcaaaatga ccctgcantg caccaagtca gctggacact ggangatggt 60
 gngtccgat gaagaaaggc ttcctgggcc gnaggcatga attcacagcc gagtgtccca 120
 gtgtccttgg aacttgggtt tgagacgggt cgatctctna aagtcntgag cgnagcgagg 180
 gtaggcntn agcacncng atttccaagg acagcaatat gtgcttgnat agggcgatt 240
 acccgngctg ncatgcctgg ggtggcaaca caagactacc ctgcnagag gctcanctcc 300
 ttccgngctg tggcctgngc taaccnaccg cgactcaagg ctgaccatct tctagcagga 360
 gaacttcctg gtgcagagaa aggtgagct gaaccnatga ctattncctc tcttgcnngc 420
 catgggcttg ggaaggcact tgangggggc ctcttttcca tgttca 466

<210> 322
 <211> 521
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(521)
 <223> n = A,T,C or G

<400> 322
 aactgagctt tctgcctgtg aaaacactta agaatcatgt ctctgcatca gtttctgctg 60
 gagccaatca cctgccatgc ctggaacagg gatcgtaccc agatcgccct gagccccaat 120
 aaccatgagg tgcacatcta taagaagaat gggagtcagt ggacgaaagc gcacgagctg 180
 aaggaacata atggggcata tcacaggtat tgactgggct cctaagagcg accgtattgt 240
 cacttggtgg gcagaccgca acgcctatgt ctggagtcag aaagatggca tctggaagcc 300
 caccctgggt atcctgagga ttaaccgtgc agccactttt gtgaagtggc cccacttga 360
 gaacaagttt gctgtgggga gcgagcccg gctcatctct gtctgttact ttgagtctga 420
 naatgactgg tgggtgagca agcacattaa gaagccgatc cgntccacag tccttagctt 480
 ggnctggcat cccaacatgn ttttgctgct tgaggctcct g 521

<210> 323
 <211> 460
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(460)
 <223> n = A,T,C or G

<400> 323
 ttgtactggc ccattcanag aagacatcat tcaactacnc catgaaggag gctgctgtng 60
 aggctctgaa gaagagagga tgggaggtac tcgaatctga cctctatgct atgaacttca 120
 accccatcat ttccagaaat gacatcacag gtgagctgaa ggactctaag aactttcagt 180
 atccttccga gtcattctta gcatatnagg aagngcggt gagccagat attgtggncg 240
 aacacaanaa gctggaagct gcanacctgg tgatatattca nttcccattg cagnggtttg 300

gggtgccagc cattctgaaa ggctggtttg agngagngct cgnagcagga ttgcctaca	360
catatgctgn catgtacnac aacggtcctt tccagaataa gaagaccttg ctttctatca	420
ccactggggg tatgcggtc natgtactct cttcagggtg	460

<210> 324
 <211> 407
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(407)
 <223> n = A,T,C or G

<400> 324	
aggggtacct gactagatgg aggatgctct tgctgcctgc ncagaannng ncacgagtag	60
atgggtgcag tgaccaaagt tgacacatcc cgtcccagag gaccactcct cagcacagtg	120
tcacagaccc agggccacaa tgcagnnngn ctgtggaggt ggntgagacc atatgatgtg	180
gangtgtact gatattctccc tctttttttt ttnnatttgt angtnnntct nannggatna	240
tnccntttca cttngttcan aactncaaag gcacaaaggt tgttcggtgg agtttgtact	300
tnccacctct cgtnttgac acctgggtct tccaggctgc tgtgcatgct aggggagagt	360
ttgagtagac cagggtgagg aagcangcgt gaactgctaa cagcaca	407

<210> 325
 <211> 400
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(400)
 <223> n = A,T,C or G

<400> 325	
tgaggacgat gctgtcagta ttgagagtgg cacaaacaca gaacgcccgg acacgcccac	60
aaatacgcca aatgcaccag gaaggaaaag ctggggaaag ggaaaatgga agtcaaagaa	120
atgcaaatat tctttcaaat gtgtgaacag cctcaaggta tgtgctagga agctctagac	180
ttcanacttc tctcagggca tatgggatac ccttaggnct aactatattt aaaactactg	240
ttttaaaggg gttttctgttt gtttaagttg actatttctaa tctgncacac agttaatcaa	300
gtgagctttg tttatccttg ttctttactt tgaatgtata atagttagta ttgtaggctg	360
ttcttgactt atttgttgat ccaaataaag gactttaaga	400

<210> 326
 <211> 386
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(386)
 <223> n = A,T,C or G

<400> 326	
actgaggttt atttatgagn aactgtttgc agtcttcata cacaccagaa nagggctgtc	60
agtatcccat tggagatggg tgtcngncac catgnggta ctggaaatta nacctttgga	120
agagcannca gagctctgag ccatactctc cagcccgaag gctgacntta ttacagggna	180

accgttatgt tacttctccg atgcaattgc tganttataa actatanaga agatgggtgag	240
gccnacaggt gtncanggtg nntcaaactt ttcagtcctn ttaagcctca ctcctagaac	300
tacaactnnc gtaagggtcc acctcctcg cccaaggggc ggngcctnac gcaaggagaa	360
agaccacaac tccagagaa gctccg	386

<210> 327
 <211> 383
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(383)
 <223> n = A,T,C or G

<400> 327	
ccaagactgc cctttggtat tcaaacgggc agccgctntg gactgantgg ctgncttctt	60
cctcctcccc ctcctcccc ttctgcttca gatttattta ttanatagna cagtacacat	120
ggagcaggng tnggacacac tagacgaggg caccagatct nattgtgggt ggatggatgg	180
ggtgtnnntt tactttgang ataacgcatt ngncanagna tncaannncg gagagatcga	240
aaggctctgc tatcacaggc ncaagtggca aaggagtng catgacttga ggcccagaat	300
tgcattccaac acaacgcagc antgcttgat tctccagggn atttgtaaaa tatattcatt	360
aaagcttctg ctctgaaaaa aaa	383

<210> 328
 <211> 362
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(362)
 <223> n = A,T,C or G

<400> 328	
cggaccattt tcgaatacca ccgtgtggaa ctggactcca gcaagatcac caccacctcg	60
gccgtggagt tcaccccggt gccaacctgc ctccagcatc agagttgcga cacctgcgtg	120
tcttcgaatc taaccttcaa ctgcagctgg tgccatgtcc tgcagagggt ttccagtggc	180
tttgaccgat accgccaaaga atggctgacc tacggctgtg cccaggagggt gancntgtg	240
aatggntctg tgttgcnngt ggttggaagt ttgtcatgct tcaggantat anccttgata	300
atgtttaang nggacggcnn tnccttgatga ctagcttttt cantcacttt catcaccaaa	360
ta	362

<210> 329
 <211> 517
 <212> DNA
 <213> Mus musculus

<400> 329	
gactgagggc gagcggaagt ggacgccctc ctccgtcacc tcggacaggg agaagagggga	60
caccatctgg aagccgccgc tatcctgggg agaccccgca gcgaagctgt caggagattg	120
agactggggg cctctcacct caacgcagcg cccgagggcg gcaaccccaa ctcaccgtca	180
gcagattgtg gggccaattc atgaagccgt gaagaccctg ggctttccgg atcagctccg	240
gtccctgtga gggagaaaaa gttagcgggt cccgcagctc cacggccagg tgtgggtgag	300
ccccggcact gtgggcctta ctcaacagac ttttccaaag accccctcgc caccacccc	360
ccagatcgaa tccacacacc ggccctcagcc ccagatggta ggtgttgccc aagcagatgc	420

ggcagcccag	ggagtccagc	tgctccgtgg	tgataccctt	catggtggcc	tgtgtacca	480
caggcatgaa	cacaggggtg	gctaccgttc	catgcgg			517

<210> 330
 <211> 342
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(342)
 <223> n = A,T,C or G

<400> 330						
aactgagcaa	gcagggatgc	acagtccactg	tgtctgattt	atatagcatg	aactttgagc	60
caagggccac	aagaaatgat	atcactgggtg	ccccctctaa	tcctgacgtc	ttcagttatg	120
ggatagaaac	ccatgaagcc	tacaagaaga	aagctctgac	cagtgatata	tttgaagaac	180
agagaaaggt	gcaagaagct	gatcttgtga	tatttcagnt	tcactatac	tggttcagcg	240
ttccagcaat	cctaaaaggt	tggtatggata	gggtgcttgt	gccgaggggt	tgcccttgat	300
atcccaggct	tttatgactc	tggttttctc	aagggtaaat	ta		342

<210> 331
 <211> 311
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(311)
 <223> n = A,T,C or G

<400> 331						
tgagtggaca	gaagattgca	gaaaatcaac	gtatcctcct	tctggaccaa	cctatagagg	60
accagttccg	tggcacacca	taaatcttga	tttaccaccc	tacaaaagat	ggcatgaatt	120
attggctcaa	aaggcaccag	cgttgaggat	tttagtgaat	tcataacga	gtttagtga	180
tacatttgtg	ccaagtggaa	aactaatgaa	gatggtggat	canaagctgn	ctggtatgat	240
tggcagcctt	cctgaccctt	ttggagagga	aatgagggga	attgcaaatt	ttactgggat	300
tcctctagga	a					311

<210> 332
 <211> 289
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(289)
 <223> n = A,T,C or G

<400> 332						
tgagggacac	accgcaagat	accaacactt	actttctttg	ccggaccctg	cgctccctgg	60
gggtccaggt	ttgccgagtc	tctgttgtgc	ctgatgaagt	anccaccatt	gcacccgagg	120
tcaactcatt	ctccaggcgc	ttcaactcag	tcctcaccgc	ggggggcatc	ggccccactc	180
atgatgatgt	tacctttgag	gcagtggcac	aggcttttgg	ggaggagctc	aaaccnnggn	240
ctgagctcca	agcagccatc	aaaaccctan	gaggggaggg	ttgggagaa		289

<210> 333
<211> 253
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(253)
<223> n = A,T,C or G

<400> 333
cactgaagac gactgttccg ttattgggaa gtaatcagct tttgaaactg agagtgttgg 60
gaaggatata cttacgtaat ggagctgtct tnnncgagag accagcctgc gtcctaaagt 120
ttgctttana gagtaggaat gtcgggggttn ccagttagaa aacctttatt tntggaaacg 180
gaataaaaat ctcttagaaa cttttgcaga taatttgang ttgggcaaata atatataatt 240
atTTTTTctg ggt 253

<210> 334
<211> 246
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(246)
<223> n = A,T,C or G

<400> 334
cagcaacttt gagcagggtga tcctggggct gatgacaccc acagtgtctgt atgacgtaca 60
ggagctgcng gagggccatg aaggagctg gcacggacga gggctgtctg attgagatcc 120
ttggcctctc gtacccctga ggagatccgt cgaatcaacc agacatacca gcagcaatat 180
ggaaggagcc ttgaagagga catctgtctt gacacatccc ttcattgttcc agcagagtact 240
gggtgt 246

<210> 335
<211> 223
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(223)
<223> n = A,T,C or G

<400> 335
ctaccctgcg gagagggtca nctccttncg gcctgnggcc tgcgctaacc accgcgactc 60
aaggctgacc atnttctagc aggagaactt cctgngcagg aaaggctgag ctgaacgatg 120
actatccctc tctgcaggcc atgggctggg acggcactga agngggctcc ttccatgatc 180
aatctggggc gngggggttg ttcccaattt cctgggtacc cga 223

<210> 336
<211> 219
<212> DNA
<213> Mus musculus

<400> 336

tgagatgtac	tgctccatct	gaaagtcaag	gttgggtgcc	cctaagtggg	ttccccgcagc	60
aaggaatttg	aggacatcct	cctccttcat	ctgcaggacg	tcaagggctc	cggacattgt	120
gtaagtttcc	ctttaagtta	cgatgggaat	caagaacaac	gccgtatgga	cccgtccccg	180
ggtagcacgg	aaagcctata	ataactttta	aaagcaaaa			219

<210> 337
 <211> 178
 <212> DNA
 <213> Mus musculus

<400> 337						
attactgac	aaggagaact	gaccgctgac	cccgcagctg	aagtggctac	tacaagtctc	60
cggtgtcac	tcatgtgcc	gctagggaag	atgcgcctga	ctgtcccgtg	tgtgcccctc	120
acctgtgcc	atctgcagag	tttcgatgct	gccctttatc	tacagatgaa	tgagaaga	178

<210> 338
 <211> 166
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(166)
 <223> n = A,T,C or G

<400> 338						
gactgaggta	tttactcaag	caggatgcan	cctgtgccta	catagcacct	tcatacatga	60
acaatcatag	cagnttcatt	cataacagct	ccaaatgggg	agcagctcaa	gtgcccacat	120
aggaatgaaa	gaaagagaga	aatgaangat	agaaggaaga	aaaagg		166

<210> 339
 <211> 502
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(502)
 <223> n = A,T,C or G

<400> 339						
gactgagggtg	acacccattc	tacggaatat	aagtaccagc	taaagaggac	acacacttga	60
agaaaaagga	gacaatgagg	anancacgtc	cntcctgtgt	gtnccccann	tanncncaat	120
ncagtgaanc	tgactntcta	angaaacct	ctagttgggn	ctggagagat	ggctcagngg	180
ttaatgagca	ctgactgctc	ttcaagatgn	cctgagttca	atnccnagca	tnacantggn	240
ggctnactac	gatccataat	gagatncagt	gcccccttct	ggtgnatntg	aagacngnta	300
cnntgtactc	acatacataa	gaataatatt	aaattttgac	tctctnnaca	aatngntgat	360
cangaaagac	annagcgaga	ggangcggtg	nanagttagc	tgtacnagct	agcctntctc	420
acggtctggt	gagtcctatt	tatactccct	ccaaacatca	cattgtntctn	catggnntct	480
tgccctaccg	tgtgtcttac	ct				502

<210> 340
 <211> 126
 <212> DNA
 <213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(126)

<223> n = A,T,C or G

<400> 340

```
gaactgagcc taaaggacta aaagggaaaa atggtaggac gagaaaaaaa agtcatccat    60
cgtacagta gaaaagcanc tcagattaca agagagtctc acaaacaaga caagaaggaa    120
agattg                                           126
```

<210> 341

<211> 228

<212> DNA

<213> Mus musculus

<400> 341

```
actgaggtgg gtctctttgt ggacttttcc gtgcgactct tcaccaact gaagttcgga    60
gtggttcaaa cgtgtatcct ttctacggct ccattgtttc agacccttc attctcgagg    120
ctctttcttg ttgagaaatt tatcagtaaa tgttggtatt gagagactgt ttgttagcca    180
ttcaggcagg agttttttaa ttgtcactga aggacaggaa aaaaaaaaa    228
```